

new infant formula

®

Infant formula

nearly identical to mother's milk¹ in nutritional breadth and balance

Five years of research and 41,000 patient days of clinical trials form the background of Enfamil.

Excellent acceptance. During the crucial first 8 weeks of life and throughout the formula feeding period, babies accept Enfamil and thrive on it. As shown in a well-controlled institutional study² covering the early period of formula feeding, the average daily caloric intake of Enfamil was 51.4 per pound. (The normal daily requirement for young infants is 45 to 55 calories per pound.³)

The same study² also showed that Enfamil produced

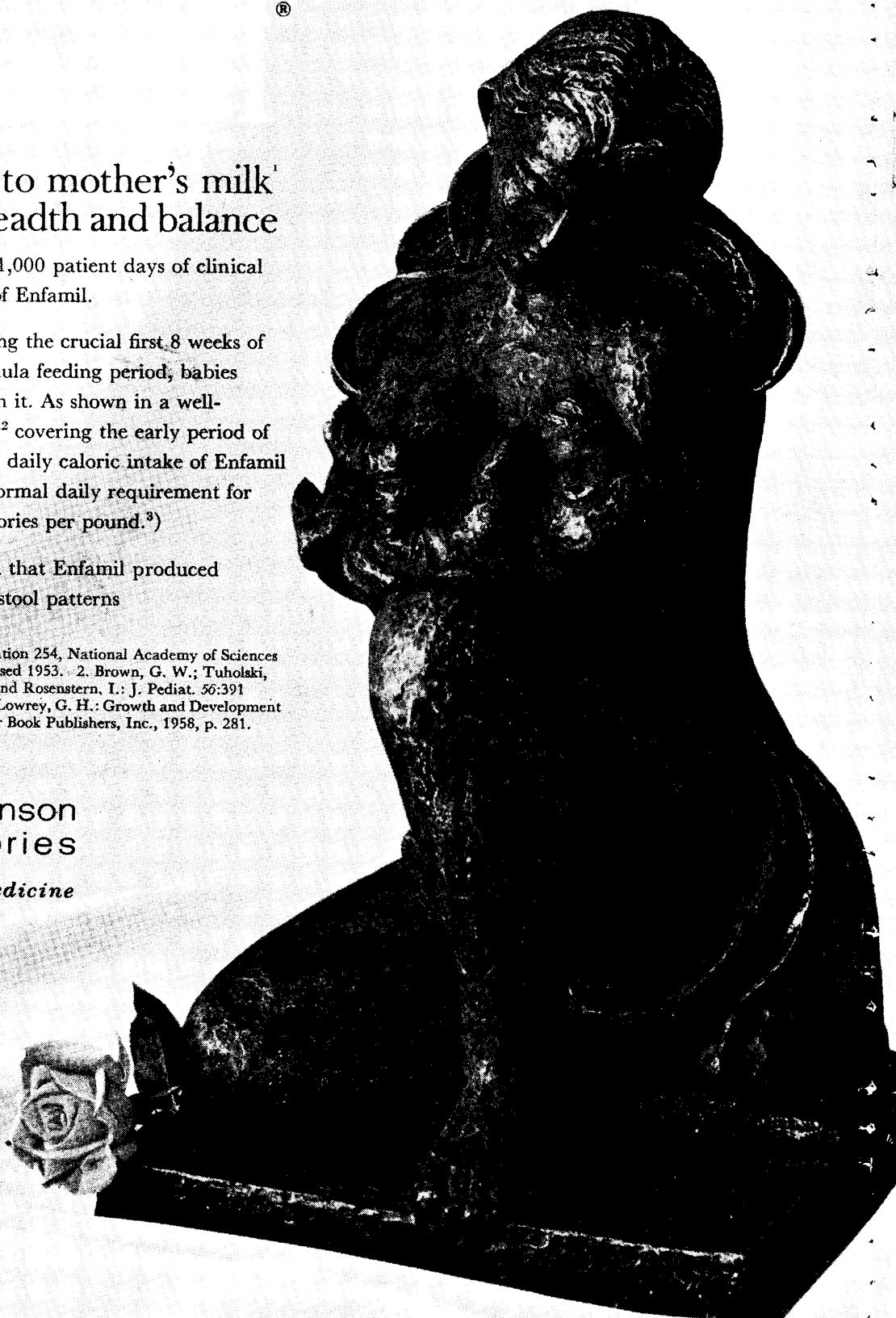
- good weight gains • good stool patterns

1. The Composition of Milks, Publication 254, National Academy of Sciences and National Research Council, Revised 1953. 2. Brown, G. W.; Tuholski, J. M.; Sauer, L. W.; Minsk, L. D., and Rosenstern, I.: J. Pediat. 56:391 (Mar.) 1960. 3. Watson, E. H., and Lowrey, G. H.: Growth and Development of Children, ed. 3, Chicago, The Year Book Publishers, Inc., 1958, p. 281.



Mead Johnson
Laboratories

Symbol of service in medicine



**GENTLE
STIMULATION
OF COLONIC
PERISTALSIS**

*without
whipping
the bowel*

The active principle of Dorbane reaches the colon through the circulation. It acts directly and selectively upon the intrinsic plexus of the colon. The small bowel is not affected. Within 6 to 12 hours evacuation occurs without cramping or griping. Each scored tablet of Dorbane contains 75 mg., and each teaspoonful of orange-flavored liquid contains 37.5 mg. of 1,8 dihydroxy-anthraquinone. Suitable for patients of all ages.

Dorbantyl combines the colonic stimulant action of Dorbane (25 mg.) with the stool-softening effect of dioctyl sodium sulfosuccinate (50 mg.), an inert and safe surface-wetting agent, in each orange-and-black capsule.

Dorbantyl Forte offers double strength dosage of the Dorbantyl combination for greater convenience and economy for patients requiring extra potency. In orange-and-gray capsules.

DORBANE



DORBANTYL



DORBANTYL FORTE



Northridge, California

FOOD FOR *investment* THOUGHT



1,500 gallon **DEL MONTE** catsup kettle is inspected by Dean Witter Research Partner Howard Tharsing (right) and Security Analyst Mark Russell during a recent tour of California Packing Corporation's plant in Oakland, Calif.

Tasting delicious **DEL MONTE** brand foods, right on the spot where they're made, can be part of a financial analyst's job!

Realistic research today demands first-hand knowledge going beyond statistical figures. A look at the plant, evaluation of equipment and capacity, talks with corporate officials—all add up to research that doesn't *cut corners* in getting the true picture for you.

Frequent field trips are normal procedure for the Dean Witter team of 72 analysts and assistants—one of the largest financial research groups in the U. S. These trips confirm and supplement statistical facts and often reveal additional information vital to investors.

If this kind of thoroughness makes sense to you, come to us for the reports you need on individual companies or industries. Simply contact a Dean Witter Account Advisor at any Dean Witter & Co. office.

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*for the
tense
and anxious
patient ...*

the only sustained-release tranquilizer
that does not cause autonomic side reactions

- **SAFE, CONTINUOUS RELIEF** of anxiety and tension for 12 hours with just one capsule—without causing autonomic side reactions and without impairing mental acuity, motor control or normal behavior.
- **ECONOMICAL** for the patient—daily cost is only a dime or so more than for barbiturates.

Meprospan[®]-400

400 mg. meprobamate (Miltown[®]) sustained-release capsules

Usual dosage: One capsule at breakfast lasts all day; one capsule with evening meal lasts all night.

Available: *Meprospan-400*, each blue-topped capsule contains 400 mg. Miltown (meprobamate).

Meprospan-200, each yellow-topped capsule contains 200 mg. Miltown (meprobamate). Both potencies in bottles of 30.

 **WALLACE LABORATORIES/Cranbury, N. J.**



Fostex® treats pimples·blackheads·acne while they wash

**degreases the skin
helps remove blackheads
dries and peels the skin**

Patients like Fostex because it's so easy to use. Instead of using soap, they simply wash acne skin with Fostex Cream or Fostex Cake 2 to 4 times daily.

And . . . since continuous 24-hour drying and peeling of acne skin is essential, FOSTRIL (a new, flesh-tinted drying lotion) should be used once or twice daily in addition to Fostex therapeutic washings. Fostril® contains Liposec® (polyoxyethylene lauryl ether), a new, surface-active drying agent used for the first time in acne treatment. This agent, with 2% micropulverized sulfur and a zinc oxide, talc and bentonite base, provides Fostril with excellent drying properties. Fostril also contains 1% hexachlorophene.

Available: Fostril, 1½ oz. tubes. Fostril-HC (¼% hydrocortisone) 25 gm. tubes.

Fostex contains: Sebulytic® base (unique, penetrating, surface-active combination of soapless cleansers and wetting agents*) with remarkable antiseborrheic, keratolytic and antibacterial actions . . . enhanced by micropulverized sulfur 2%, salicylic acid 2% and hexachlorophene 1%.

*sodium lauryl sulfoacetate, sodium alkyl aryl polyether sulfonate and sodium dioctyl sulfosuccinate.

Fostex Cream and Fostex Cake are interchangeable for therapeutic washing of the skin. Fostex Cream is approximately twice as drying as Fostex Cake. Supplied: Fostex Cake—bar form. Fostex Cream—4.5 oz. jars. Also used as a therapeutic shampoo in dandruff and oily scalp.

WESTWOOD PHARMACEUTICALS

• **Buffalo 13, New York**

**longer-acting, fewer injections
for fetal salvage with no androgenic effect**

DELALUTIN[®]

Squibb Hydroxyprogesterone Caproate

Long-acting Progestational Therapy

Delalutin offers these advantages over other progestational agents: Significantly improved rate of fetal salvage¹⁻³ ■ No virilizing effect on female fetus or mother ■ High, sustained hormonal level in the uterine muscle and mucosa⁴ — high enough even to replace an excised corpus luteum⁵ ■ Absence of local tissue reactions³.

— Hydroxyprogesterone Caproate (Delalutin)

Clauberg Response



Days following injection

Available only to physicians for their distribution—

Complete Cholesterol Depressant Menus and Recipe Book

A new, authoritative patient-aid . . . for professional distribution only

Now available for use in your practice from The Wesson People . . . easy-to-use manual of 40 pages, including all necessary diet instructions . . . menus, recipes, shopping and cooking guidance . . . all worked out for you . . . so arranged and printed that you have only to check the desired daily calorie level before giving the book to your patient.

You will find this book invaluable for treating patients with elevated serum cholesterol.

Complete menus for 10 days enable you to prescribe diets which are appetizing, nutritiously adequate and which can exert cholesterol depressant activity. Special attention has been given to constructing the menu patterns so that they adhere as closely as permissible to the patient's normal eating habits.

NRC Standards fulfilled. Each menu has been calculated to provide the proper daily allowance of proteins, vitamins and other nutrients as recommended by the Food and Nutrition Board of the National Research Council.

Weight control is achieved as each day's menu is given at 3 calorie levels—1200, 1800 and 2600 calories. You prescribe the level most desirable and modify as desired.

Variety and appetite appeal for patient are built into the menu plan to an extent not previously accomplished. Alternate choices for main dishes minimize monotony, encourage the patient to follow closely the menu plan you specify.

Complete recipes—65 in all—are included to assure that the specified menus provide prescribed levels of calories, the pre-determined ratio of poly-unsaturated to saturated fat, plus essential nutrients.

Dietary fat is controlled so that approximately 36% of the total calories are derived from fat and at least 40% of these fat calories are from poly-unsaturated components (linoleates) as found in pure vegetable oil. The replacement of saturated dietary fat by this percentage of poly-unsaturated fat has been found in clinical studies most effective in the reduction of serum cholesterol and in its maintenance at desirable levels. More liberal menus are provided for maintenance after the patient's progress indicates that desired therapeutic results have been accomplished.

Family meal preparation is simplified. The menus are planned around favorite foods having wide appetite appeal for all members of the household. Patients can entertain in comfort—enjoy cakes, cookies, snacks, prepared with recipes which meet medical requirements.

A high degree of satiety is achieved even at the lower calorie levels, because Wesson provides an unexcelled source of concentrated, slow-burning food energy.

Adaptable for use with diabetics. Carbohydrates have been calculated to fall within the acceptable range for patients to whom a diet planned for diabetes is important. Calories, which must be supplied from fat when the carbohydrate intake is limited, are provided by desirable poly-unsaturated vegetable oil.

WESSON'S IMPORTANT CONSTITUENTS

Wesson is 100% cottonseed oil—winterized and of selected quality

Linoleic acid glycerides (poly-unsaturated)	50-55%
Oleic acid glycerides (mono-unsaturated)	16-20%
Palmitic, stearic and myristic glycerides (saturated)	25-30%
Phytosterol (Predominantly beta sitosterol)	0.3-0.5%
Total tocopherols	0.09-0.12%
Never hydrogenated—completely salt free	

*Poly-unsaturated Wesson is unsurpassed by any readily
available brand, where a vegetable (salad) oil is medically recommended
for a cholesterol depressant regimen.*

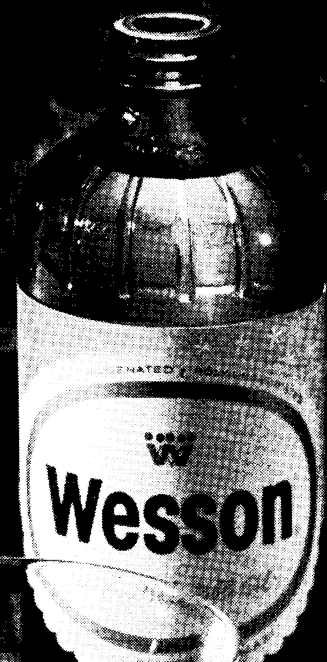
Your Cholesterol Depressant Diet Book

Menu plan for

Mrs. John Doe
DATE Feb. 1961

JOSEPH ROE

M.D.



STRICT CONTROL
breakfast

lunch

snack

dinner

snack

menu 1

lunch substitution

TOTAL CALORIES FOR DAY

Total fat calories 37% of total

Total polyunsaturated 40% of total

Total cholesterol 200.7 grams

Total sodium 200.7 grams

Total potassium 200.7 grams

Total calcium 200.7 grams

Total iron 200.7 grams

Total zinc 200.7 grams

Total copper 200.7 grams

Total manganese 200.7 grams

Total selenium 200.7 grams

Total chromium 200.7 grams

Total cobalt 200.7 grams

Total nickel 200.7 grams

Total boron 200.7 grams

Total vanadium 200.7 grams

Total molybdenum 200.7 grams

USE THIS HANDY ORDER FORM

The Wesson People, 210 Baronne St., New Orleans 12, La.

Please send _____ free copies of
"Your Cholesterol Depressant Diet Cook Book" for use with patients.

DR. _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

in the wide middle region of pain

Percodan®

(Salts of Dihydrohydroxycodone and Homatropine, plus APC)

TABLETS

fills the gap
between
mild oral and
potent parenteral
analgesics¹⁻⁷

- acts in 5-15 minutes
- relief usually lasts 6 hours or longer
- toleration excellent... constipation rare
- sleep uninterrupted by pain

Each Percodan* Tablet contains 4.50 mg. dihydrohydroxycodone HCl, 0.38 mg. dihydrohydroxycodone terephthalate (warning: may be habit-forming), 0.38 mg. homatropine terephthalate, 224 mg. acetylsalicylic acid, 160 mg. acetophenetidin, and 32 mg. caffeine.

ENDO LABORATORIES
Richmond Hill 18, New York

*U.S. Pats. 2,628,185 and 2,907,768

*for fast and
thorough
pain relief*


AVERAGE ADULT DOSE

1 tablet every 6 hours.
May be habit-forming.
Federal law permits
oral prescription.

Also Available

For greater
flexibility in dosage —
Percodan®-Demi: The complete
Percodan formula, but with
only half the amount of salts of
dihydrohydroxycodone
and homatropine.

1. Blank, P., and Boas, H.: Improved analgesia for moderate pain, *Ann. West. Med. & Surg.* 6:376, 1952.
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inside as well as outside the hospital...
staphylococci usually remain sensitive to

CHLOROMYCETIN®

(chloramphenicol, Parke-Davis)

That the sensitivity patterns of "street" staphylococci differ widely from those of "hospital" staphylococci is a well-established clinical fact.¹⁻⁵ Although strains of staphylococci encountered in general practice have remained relatively sensitive to a number of antibiotics,⁶ the problem of antibiotic-resistant staphylococci appears to be a threat to all patients in hospitals today. It is encouraging to note, however, "...that a relatively small percentage of strains develop resistance to chloramphenicol, despite the consumption of large amounts of this antibiotic."⁷

In one hospital, for example, CHLOROMYCETIN "...was the only widely used antibiotic to which few of the strains were resistant."⁸ In another hospital, despite steadily increasing use of CHLOROMYCETIN since 1956, "...the percentage of chloramphenicol-resistant strains has actually been lower in subsequent years."¹ Elsewhere, insofar as hospital staphylococci are concerned, it appears that "...the problem of antibiotic resistance can be regarded as minimal for chloramphenicol."²

CHLOROMYCETIN (chloramphenicol, Parke-Davis) is available in various forms, including Kapséals® of 250 mg., in bottles of 16 and 100.

See package insert for details of administration and dosage.

Warning: Serious and even fatal blood dyscrasias (aplastic anemia, hypoplastic anemia, thrombocytopenia, granulocytopenia) are known to occur after the administration of chloramphenicol. Blood dyscrasias have occurred after short-term and with prolonged therapy with this drug. Bearing in mind the possibility that such reactions may occur, chloramphenicol should be used only for serious infections caused by organisms which are susceptible to its antibacterial effects. Chloramphenicol should not be used when other less potentially dangerous agents will be effective, or in the treatment of trivial infections such as colds, influenza, viral infections of the throat, or as a prophylactic agent.

Precautions: It is essential that adequate blood studies be made during treatment with the drug. While blood studies may detect early peripheral blood changes such as leukopenia or granulocytopenia, before they become irreversible, such studies cannot be relied upon to detect bone marrow depression prior to development of aplastic anemia.

IN VITRO SENSITIVITY OF 250 STRAINS OF STAPHYLOCOCCI
TO CHLOROMYCETIN AND TO FOUR OTHER ANTIBIOTICS*

CHLOROMYCETIN 78%

Antibiotic A 68%

Antibiotic B 55%

Antibiotic C 45%

Antibiotic D 21%

These strains of coagulase-positive staphylococci were isolated from hospitalized patients at a large county hospital during the year 1959. Sensitivity tests were done by the disc method.

*Adapted from Bauer, Perry, & Kirby¹

References: (1) Bauer, A. W.; Perry, D. M., & Kirby, W. M. M.: *J. A.M.A.* 173:475, 1960. (2) Fisher, M. W.: *Arch. Int. Med.* 105:413, 1960. (3) Cohen, S.: *Circulation* 20:96, 1959. (4) Edwards, T. S.: *Am. J. Ophth.* 48, Part II:19, 1959. (5) Smith, I. M.: *Staphylococcal Infections*, Chicago, The Year Book Publishers, Inc., 1958, p. 148. (6) Petersdorf, R. G.; Rose, M. C.; Minchew, H. B.; Keene, W. R., & Bennett, I. L., Jr.: *Arch. Int. Med.* 105:398, 1960. (7) Editorial: *J. A.M.A.* 173:544, 1960. (8) Finland, M.; Jones, W. F., Jr., & Bennett, I. L., Jr.: *Arch. Int. Med.* 104:365, 1959.

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PARKE-DAVIS

PARKE, DAVIS & COMPANY, Detroit 22, Michigan

add an essential
now ...
maternal element
lacking in
infant formulas



new ...
POLYMUL®

Infant
Nutrition
Supplement

“...human milk fat contains more than
three and one-half times as much of the so-called
‘essential’ fatty acids as cow’s milk...”¹

POLYMUL®, a unique combination of these polyunsaturated fatty acids protected by antioxidant tocopherols, added to cow’s milk formulas restores the balance of unsaturated fatty acids to more nearly resemble mother’s milk.

POLYMUL...improves the nutritional value of cow’s milk formulas.

Each 1 cc. POLYMUL ‘dispensulet’ contains 950 mg. of unsaturated fatty acid glycerides providing:

Linoleic & Linolenic Acids	600 mg.
Tetra, Penta, & Hexaenoic Acids	100 mg.
Oleic & Saturated Acids	150 mg.
Mixed Tocopherols	5 mg.
Polysorbate 80	50 mg.

Dosage: 2 to 4 cc. per day. Average dose 3 cc. per day. Contents of 3 POLYMUL ‘dispensulets’ in formula after sterilization or one ‘dispensulet’ to 4 ounces of formula for three feedings.

Supply: Convenient, accurate ‘dispensulets’ (1 cc.) in dispensing carton of 100 — over one month’s supply.



PHARMACEUTICAL
INDUSTRIES,
INC.
Erlton,
New Jersey

¹ Williams, H. H.: Report to Council on Foods and Nutrition, J.A.M.A. 176:104 (Jan. 14) 1961

STUART FORMULA LIQUID®

Vitamins: Contents per tablespoonful: (15 cc.) A—10,000 USP Units; D—1,000 USP Units; E—0.3 I.U.; Complete Vitamin B Complex: B₁—4 mg.; B₂—4 mg.; B₆—0.2 mg.; Niacin and Niacinamide—30 mg.; d-Panthenol—4.3 mg.; Malt—Supplies additional natural B Complex factors. Minerals: Iron—15 mg.; Iodine—0.15 mg.; Manganese—1 mg.

STUART FORMULA® (TABLETS)

One tablet contains: Vitamins: A—5,000 USP Units; D—500 USP Units; C—50 mg.; B₁—2.5 mg.; B₂—2.5 mg.; B₆—0.5 mg.; B₁₂ as Ionex-12®—1 mcg.; Niacin and Niacinamide—15 mg.; d-Calcium Pantothenate—5 mg.; E—0.15 I.U. Yeast and desiccated liver are added as sources of natural vitamin B Complex factors. *Stuart's absorption-enhancing complex of vitamin B₁₂ (B₁₂ from cobalamin). Minerals: Calcium—100 mg.; Copper—0.375 mg.; Iodine—0.075 mg.; Iron—7.5 mg.; Magnesium—2.5 mg.; Manganese 0.5 mg.; Potassium—2.5 mg.; Zinc—0.15 mg.

THERON®

One tablet contains: Vitamins: A—25,000 USP Units; D—1,000 USP Units; C—300 mg.; B₁—15 mg.; B₂—10 mg.; B₆—5 mg.; B₁₂ as Ionex-12®—5 mcg.; Niacinamide—100 mg.; d-Calcium Pantothenate—20 mg.; K—2 mg. *Stuart's absorption-enhancing complex of vitamin B₁₂ (B₁₂ from cobalamin). Minerals: Calcium—100 mg.; Copper—1 mg.; Iodine—0.15 mg.; Magnesium—6 mg.; Manganese—1 mg.; Potassium—5 mg.; Zinc—1.5 mg. Also natural vitamin B Complex factors from yeast and desiccated liver.



LOW IN COST

Balanced • Complete

Bottles of 100, 250, 500 and 1000 tablets

Stuart Formula Liquid: Pints

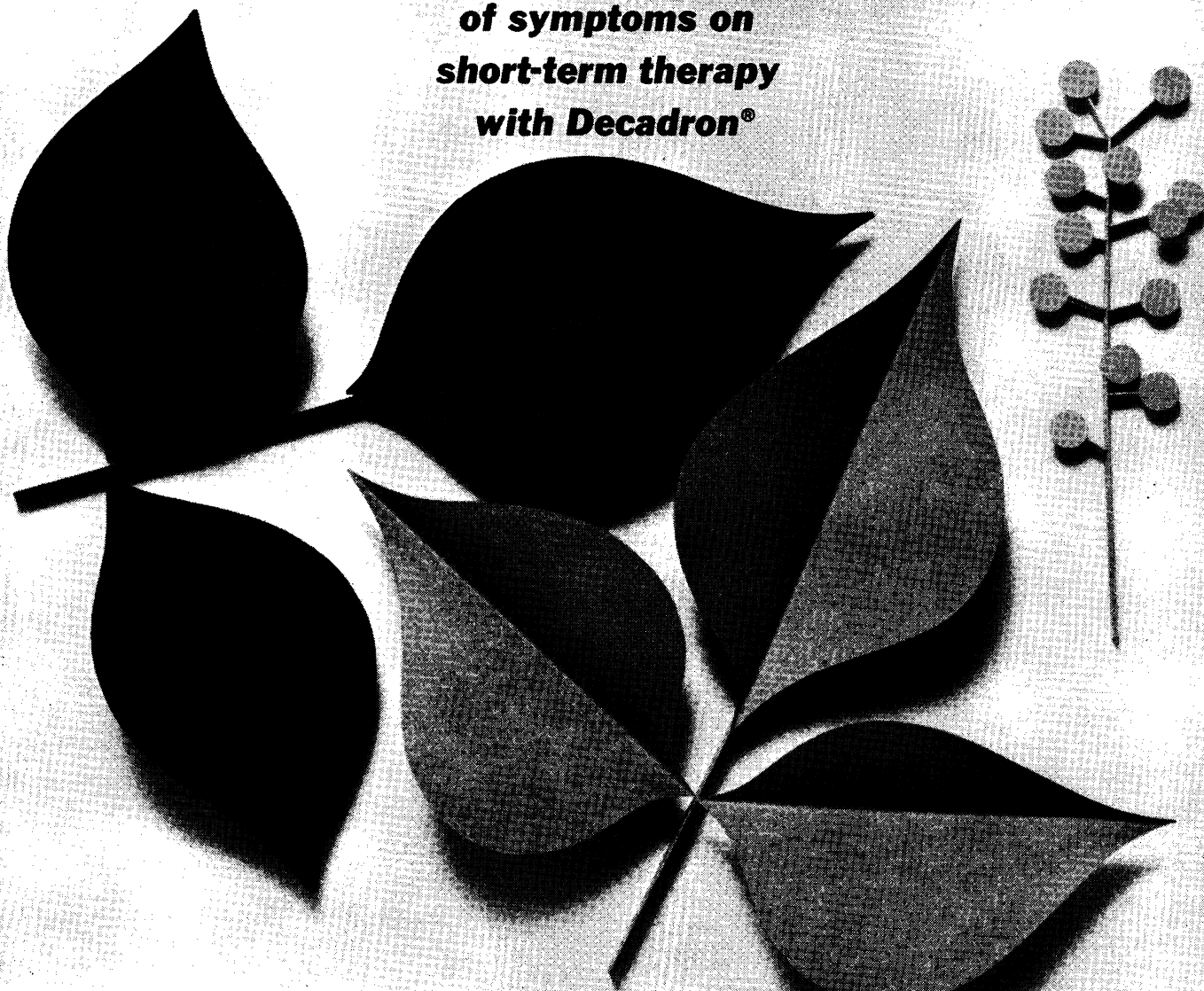
THE STUART COMPANY • PASADENA, CALIFORNIA



Also Theron, the complete therapeutic multivitamin and mineral product for stress conditions.

Theron Tablets: 30, 100 and 500
Theron Liquid: 4 oz.

**in severe poison ivy...
rapid relief and control
of symptoms on
short-term therapy
with Decadron®**



Short-term treatment with DECADRON provides unusually rapid relief of dermatitis due to poison ivy, oak or sumac. Low doses "...produced complete recovery after 5 days of therapy" in two children who required hospitalization for severe edematous reactions.¹ "In acute dermatitis, dexamethasone in very small doses seems more efficient than the other steroids..." doesn't cause fluid retention or electrolyte imbalance.² Therapeutic doses of steroids may help prevent recurrences of severe allergic states, without interfering with desensitization or other immunity procedures.³

Before prescribing or administering DECADRON the physician should consult the detailed information on use accompanying the package or available on request.
References: 1. Tow, A.: West Virginia M. J. 56:199, 1960. 2. Downing, J. G.: M. Times 88:789, 1960. 3. Feinberg, S. M.: Med. Sci. 6:(No. 3) 181, 1959.

Supplied: As 0.75 mg. and 0.5 mg. scored, pentagon-shaped tablets in bottles of 100 and 1000. As Injection DECADRON Phosphate in 5 cc. vials, each cc. containing 4 mg. of dexamethasone 21-phosphate as the disodium salt; inactive ingredients: 8 mg. creatinine, 10 mg. sodium citrate, sodium hydroxide to pH 7.8, and water for injection q.s. 1 cc.; preservatives: 0.32 per cent sodium bisulfite and 0.5 per cent phenol. DECADRON is a trademark of Merck & Co., Inc.

MSD MERCK SHARP & DOHME
Division of Merck & Co., Inc., West Point, Pa.

DECADRON: Recommended dosage schedule in the treatment of poison ivy, oak or sumac dermatitis		
time	amount	administration
1st day	one to two cc. (4 to 8 mg.) Injection DECADRON Phosphate intramuscular	repeated as necessary (In substituting tablet therapy, give the first oral dose four or five hours before the final parenteral dose.)
2nd day	two 0.75 mg. Tablets DECADRON	b.i.d.
3rd day	two 0.75 mg. Tablets DECADRON	b.i.d.
4th day	one 0.75 mg. Tablet DECADRON	b.i.d.
5th day	one 0.75 mg. Tablet DECADRON	per day
6th day	one 0.75 mg. Tablet DECADRON	per day
7th day	RETURN VISIT	

Decadron 
Dexamethasone
TREATS MORE PATIENTS MORE EFFECTIVELY

a breathing spell from asthma

Quadrinal*

a rapid way to clear the airway

- stops wheezing
- increases cough effectiveness
- relieves spasm

In chronic disorders associated with obstructed respiration, the dependable antispasmodic and expectorant action of Quadrinal rapidly clears the bronchial tree. Patients breathe more easily and acute episodes of bronchospasm are often eliminated. Quadrinal is well tolerated, even on prolonged administration. The potassium iodide in Quadrinal provides an expectorant of time-tested effectiveness and safety.

Indications: Bronchial asthma, chronic bronchitis, pulmonary fibrosis, pulmonary emphysema.

Quadrinal Tablets, containing ephedrine HCl (24 mg.), phenobarbital (24 mg.), "Phyllicin" (theophylline calcium salicylate) (130 mg.), and potassium iodide (0.3 Gm.).

Now available —

a new Quadrinal dosage form with taste-appeal for all age groups:
fruit-flavored QUADRINAL SUSPENSION (1 teaspoonful = 1/2 Quadrinal Tablet)

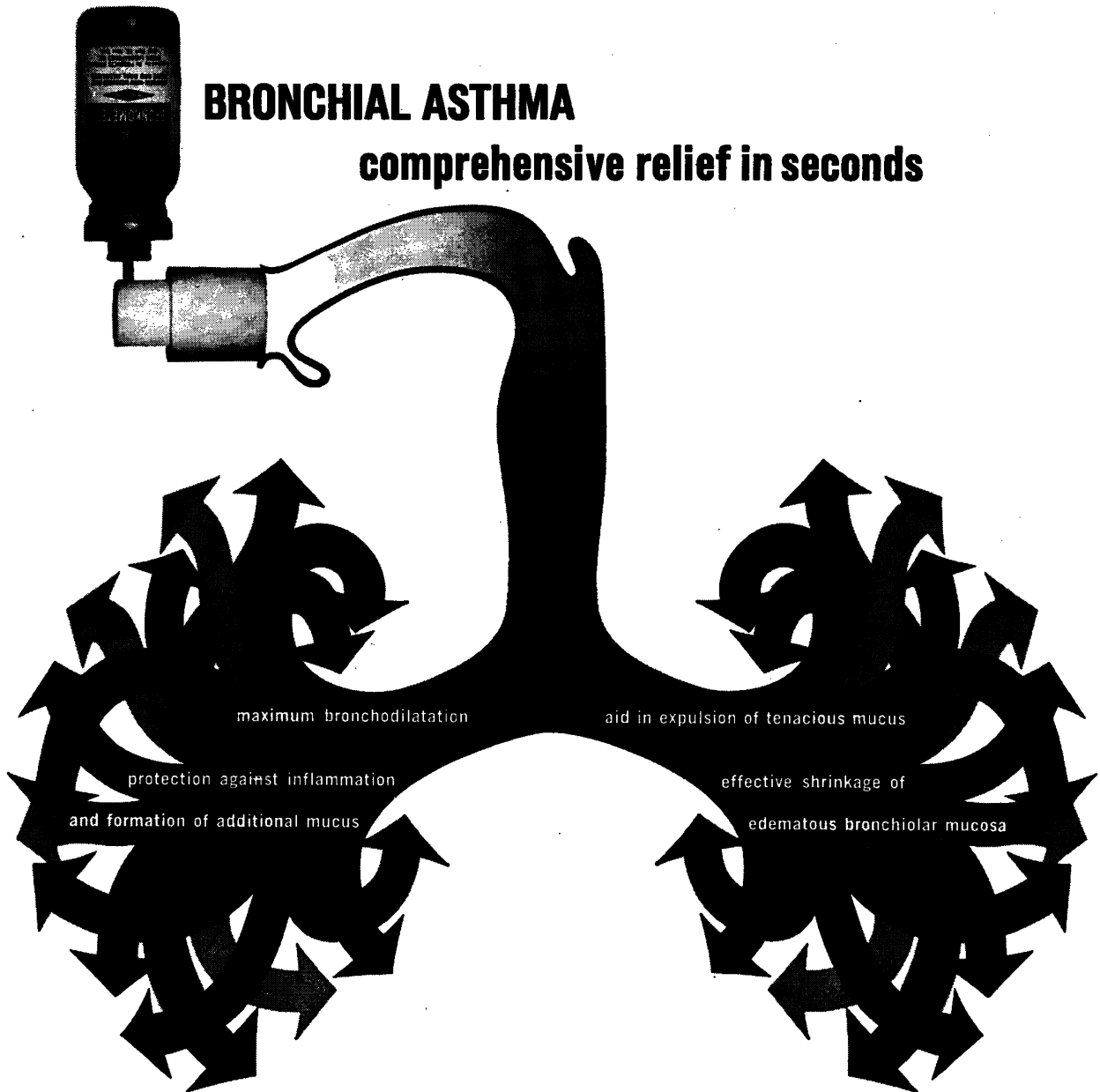


KNOLL PHARMACEUTICAL COMPANY, ORANGE, NEW JERSEY
Theophylline, Phyllicin

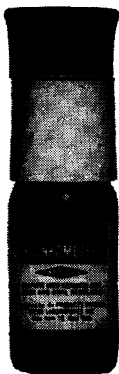


BRONCHIAL ASTHMA

comprehensive relief in seconds



NEW BRONKOMETER®



pocket-size antiasthmatic aerosol that is more than just a bronchodilator

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Bronkometer is a synergistic combination of isoetharine (a new bronchodilator); phenylephrine (bronchodilator-bronchoconstrictor-decongestant); and thenyldiamine (bronchodilator-antihistamine). These agents reinforce each other to give asthma patients a significant increase in vital capacity.

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Bronkometer delivers at the mouthpiece 200 measured doses of: 350 mcg. isoetharine methanesulfonate (0.6%); 70 mcg. phenylephrine HCl (0.125%); and 30 mcg. thenyldiamine HCl (0.05%) with inert propellants and preservatives. Average adult dose is one or two inhalations. Occasionally, more may be required. Even though Bronkometer has a wide margin of safety, the usual precautions associated with the use of sympathomimetic amines should be observed.

Bibliography: 1. Spielman, A. D.: Evaluation of a New Antiasthmatic Compound Aerosol, in press. 2. Lands, A. M. et al.: The Pharmacologic Actions of the Bronchodilator Drug, Isoetharine, J. Am. Pharm. A. (Scient. Ed.) 47:744 (Oct.) 1958.

For full information on Breon's five antiasthmatics, see pp. 538-539 of the 1961 Physicians' Desk Reference plus the 2nd, 3rd or 4th quarterly supplement.

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"...hydroxyzine [ATARAX] is of considerable therapeutic value in the treatment of psychoneurosis...." Most patients "...with commonly encountered neuroses such as anxiety states occurring in business executives, in laborers dissatisfied with their jobs, in patients experiencing emotional upheavals caused by disturbed family situations, and in those with associated organic disease..." were treated successfully.¹

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impairing
mental acuity

Working adults "...seldom experience drowsiness or impairment of intellectual function with therapeutic doses."³

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Dosage: For adults: 25 mg. t.i.d. to 100 mg. q.i.d. For children: under 6 years, 50 mg. daily; over 6 years, 50-100 mg. daily; in divided doses. **Supplied:** Tablets 10 mg. and 25 mg., in bottles of 100 and 500. Tablets 100 mg., in bottles of 100. Syrup 2 mg./cc., in pint bottles. Also available: Parenteral Solution. Prescription only.

References: 1. Garber, R. C.: J. Florida M. A. 45:549 (Nov.) 1958. 2. Lipton, M. I.: Pennsylvania M. J. 64:60 (Jan.) 1961. 3. Ayd, F. J., Jr.: Psychotropic Drugs, S. Garattini and V. Ghetti, eds., New York, Elsevier Publishing Co., 1957, p. 548. 4. McGettigan, D. L.: West. Med. 1:8 (Jan.) 1960.

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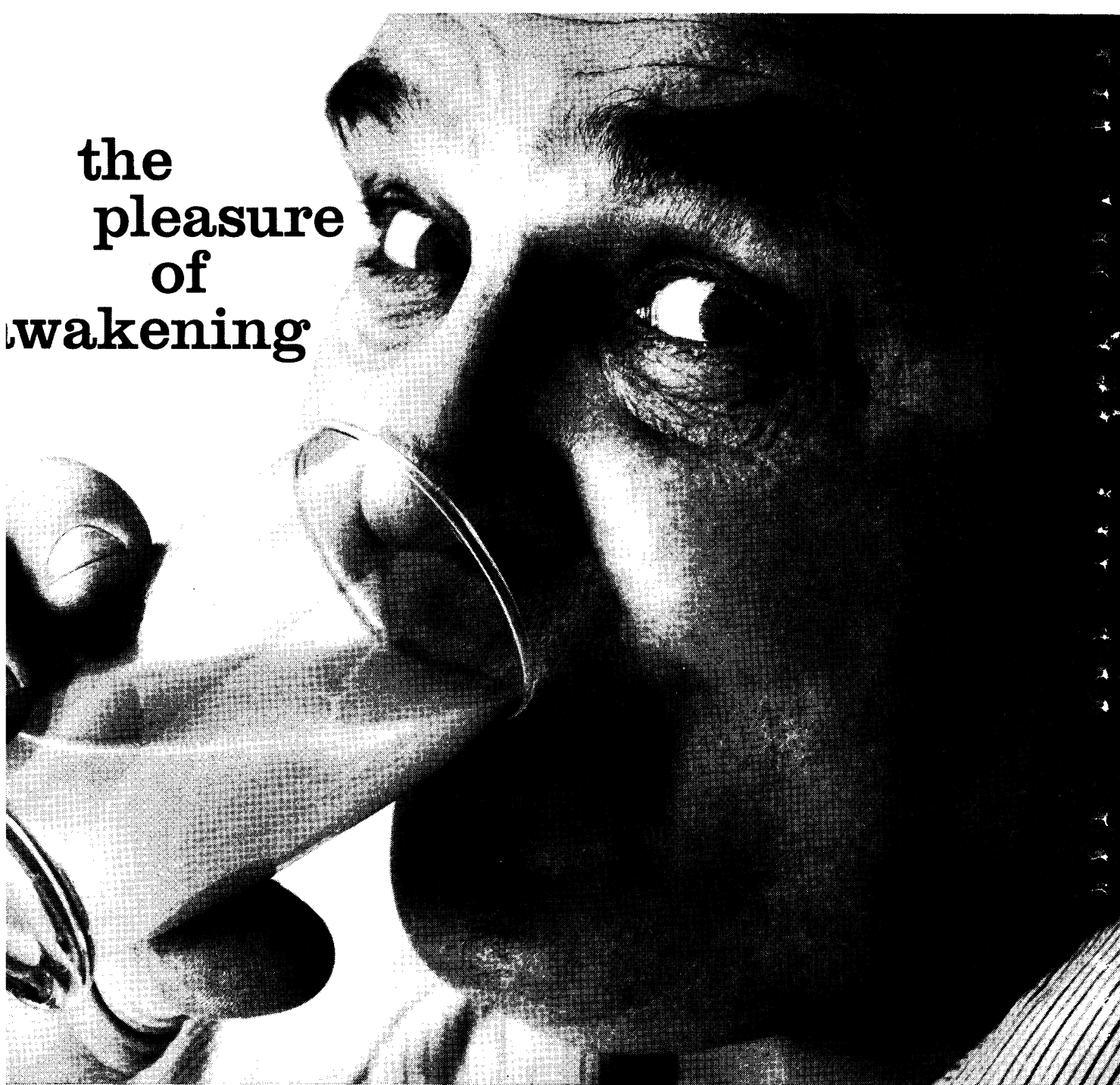
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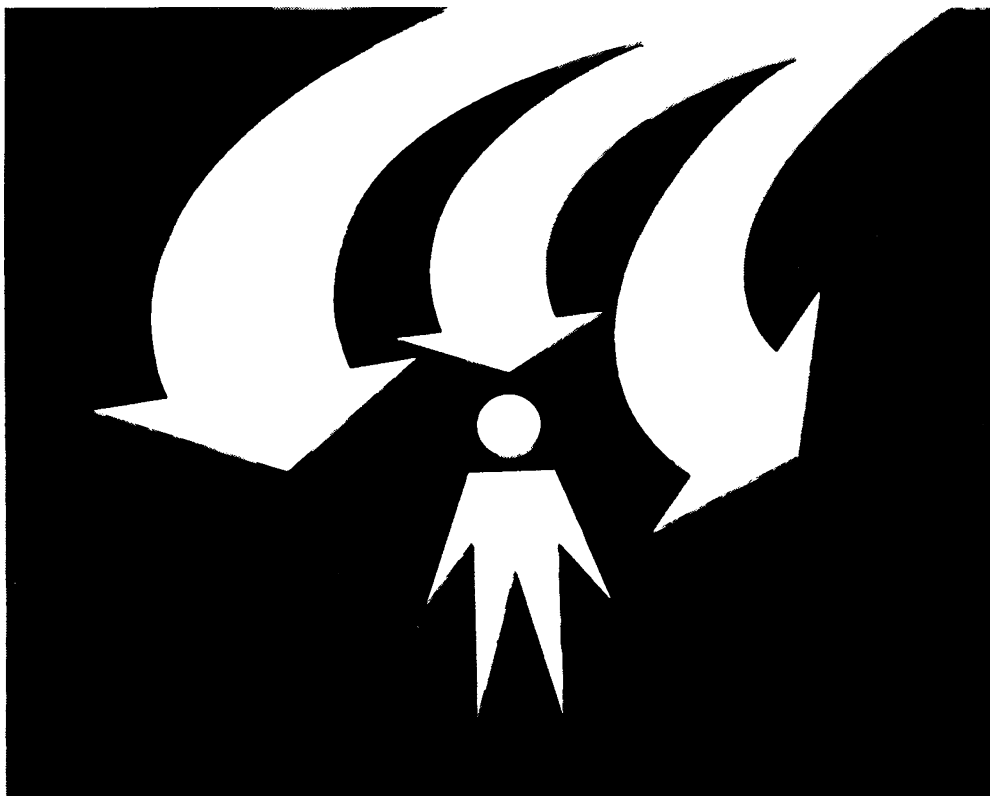
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1. Helfand, A. E.: To be published.

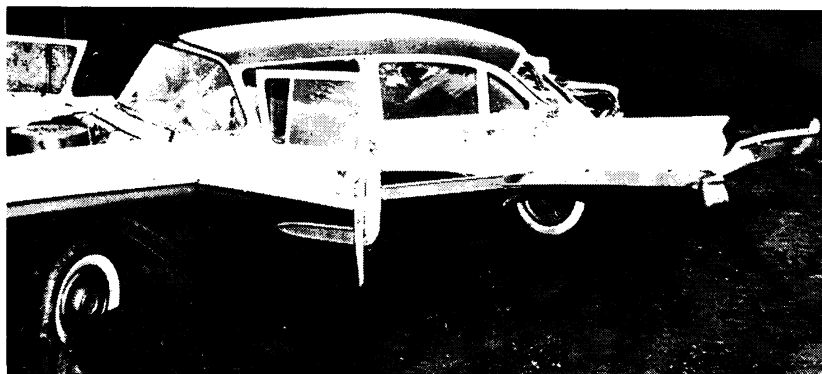
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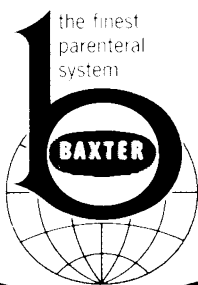
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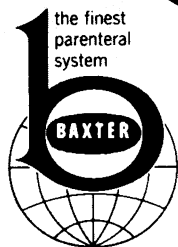
† Border, J., Talbot, N., Terry, M., and Lincoln, G.: Use of Multiple Electrolyte Solution to Prevent Disturbances in Water and Electrolyte Metabolism, *Metabolism* 9:897-904 (October) 1960.

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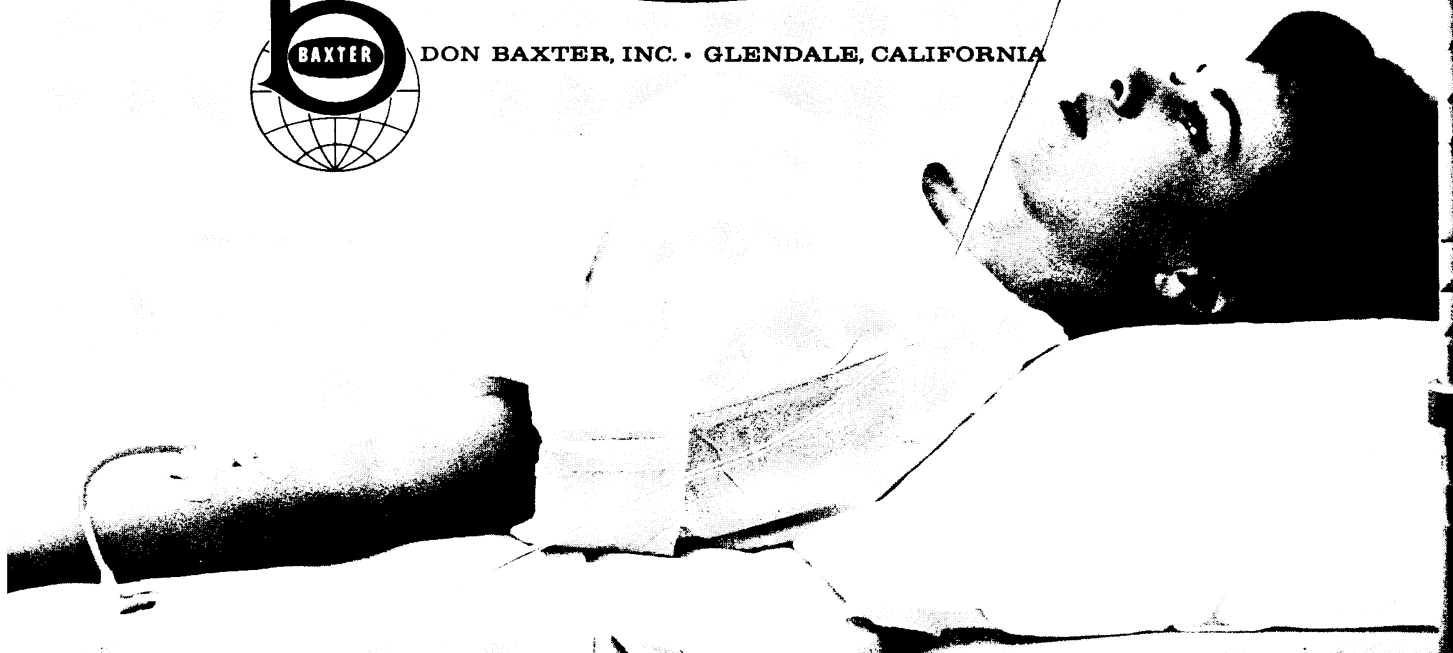
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1. Meyers, G. B.: Ind. Med. & Surg. 26:3, 1957. 2. Murray, R. J.: N. Y. St. J. Med. 53:1867, 1953.

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“nutrition...present as a modifying or complicating factor in nearly every illness or disease state”¹

1. Youmans, J. B.: Am. J. Med. 25:659 (Nov.) 1958

cardiac diseases “Who can say, for example, whether the patient chronically ill with myocardial failure may not have a poorer myocardium because of a moderate deficiency in the vitamin B-complex? Something is known of the relationship of vitamin C to the intercellular ground substance and repair of tissues. One may speculate upon the effects of a deficiency of this vitamin, short of scurvy, upon the tissues in chronic disease.”²

2. Kampmeier, R. H.: Am. J. Med. 25:662 (Nov.) 1958.

arthritis “It is our practice to prescribe a multiple vitamin preparation to patients with rheumatoid arthritis simply to insure nutritional adequacy . . .”³

3. Fernandez-Herlihy, L.: Lahey Clinic Bull. 11:12 (July-Sept.) 1958.

digestive diseases Symptoms attributable to B-vitamin deficiency are commonly observed in patients on peptic ulcer diets.⁴ Daily administration of therapeutic vitamins to patients with hepatitis and cirrhosis is recommended by the National Research Council.⁵

4. Sebrell, W. H.: Am. J. Med. 25:673 (Nov.) 1958. 5. Pollack, H., and Halpern, S. L.: Therapeutic Nutrition, National Academy of Sciences and National Research Council, Washington, D. C., 1952, p. 57.

degenerative diseases “Studies by Wexberg, Jolliffe and others have indicated that many of the symptoms attributed in the past to senility or to cerebral arteriosclerosis seem to respond with remarkable speed to the administration of vitamins, particularly niacin and ascorbic acid. These facts indicate that the vitamin reserve of aging persons is lowered, even to the danger point, more than is the case in the average American adult.”⁶

6. Overholser, W., and Fong, T. C. C. In Stieglitz, E. J.: Geriatric Medicine, 3rd edition, J. B. Lippincott, Philadelphia, 1954, p. 264.

infectious diseases Infections cause a lowering of ascorbic acid levels in the plasma; and the absorption of this vitamin is reduced in diarrheal states.⁷

7. Goldsmith, G. A.: Conference on Vitamin C. The New York Academy of Sciences, New York City, Oct. 7 and 8, 1960. Reported in: Medical Science 8:772 (Dec.10) 1960.

diabetes Diabetics, like all patients on restricted diets, require an extra source of vitamins.⁸ “Rigidly limiting the bread intake of the diabetic patient automatically eliminates a large amount of thiamin from the diet. . . . There is some evidence of interference with normal riboflavin utilization during catabolic episodes.”⁹

8. Duncan G. G.: Diseases of Metabolism 4th edition W. B. Saunders, Philadelphia, 1959, p. 812. 9. Pollack, H.: Am. J. Med. 25:708 (Nov.) 1958.

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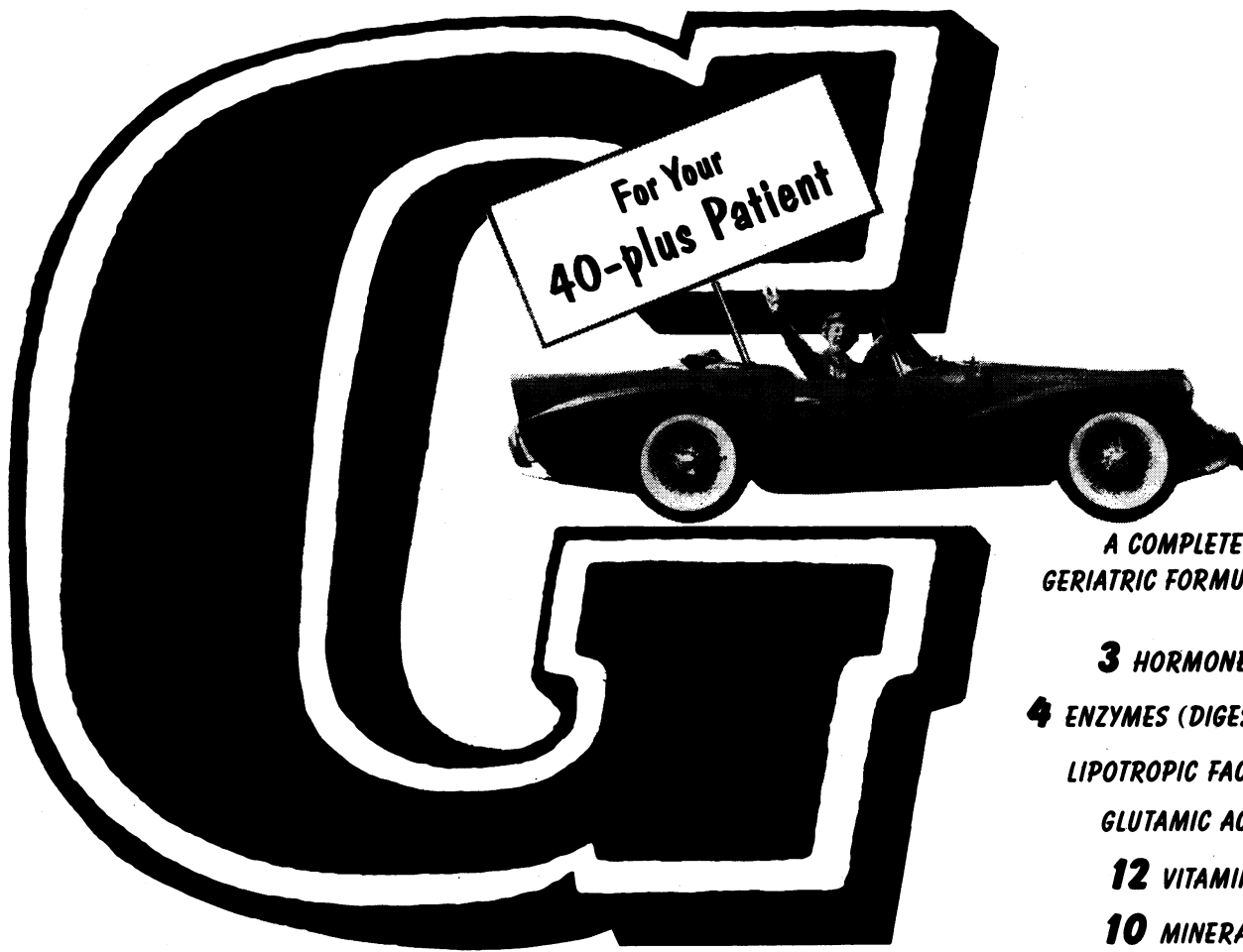
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against the bacteria tested throughout the four year period, thus revealing negligible develop-
ment of bacterial resistance, if any, through the years." Jolliff, C. R., et al.: Antibiot. Chemother. (Wash.) 10:694, 1960.

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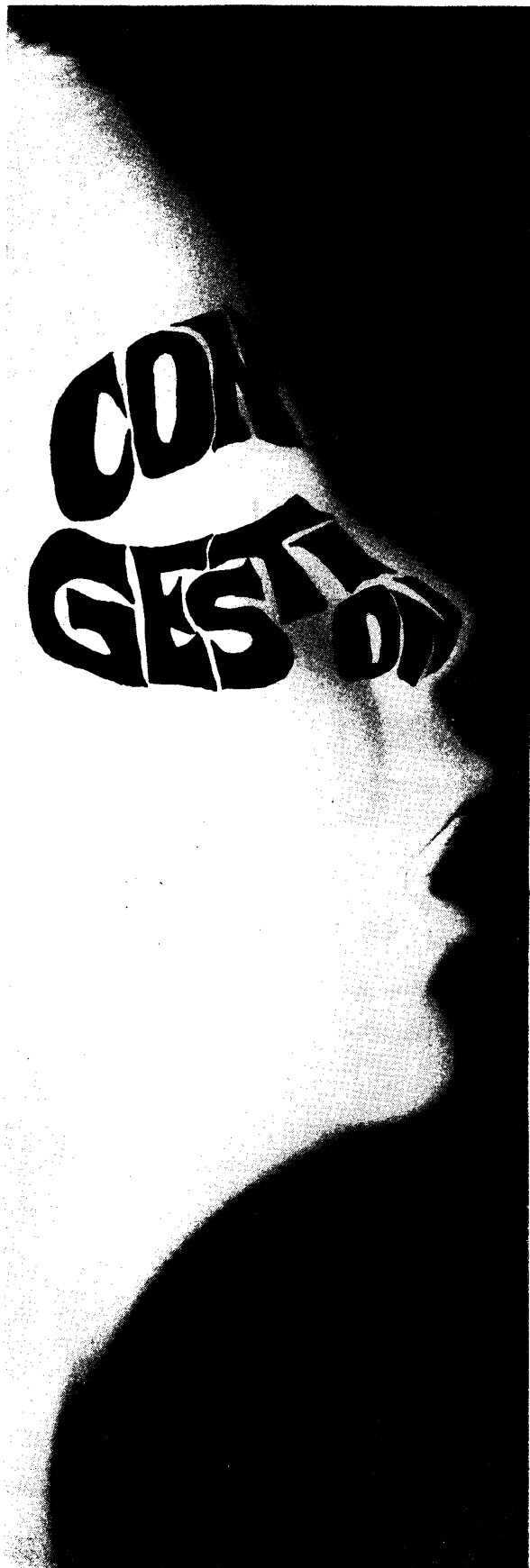
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1. Beckman, H.: *Pharmacology: The Nature, Action and Use of Drugs*, 2nd Ed. W. B. Saunders Company, Philadelphia and London, 1961, p. 673.



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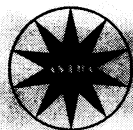
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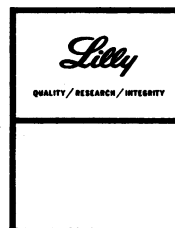
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If you have a paper that you would like to have considered for presentation, it should be submitted *to the appropriate section secretary* (see list on this page) no later than November 1, 1961.

Scientific Exhibits

Space is available for scientific exhibits. If you would like to present an exhibit, please write immediately to the office of the California Medical Association, 693 Sutter Street, San Francisco 2, for application forms. To be given consideration by the Committee on Scientific Work, the forms, completely filled out, must be in the office of the California Medical Association no later than November 1, 1961. (No exhibit shown in 1961, and no individual who had an exhibit at the 1961 session, will be eligible until 1963.)

Medical Motion Pictures

The Film Symposiums which attracted excellent attendance in 1961 will be continued in 1962.

Authors desiring to show films should send their applications to Motion Picture Division, C.M.A., 693 Sutter Street, San Francisco 2. All authors are urged to be present at the time of showing as there will be time allotted for discussion and questions from the audience after each film.

Deadline: December 1, 1961.

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UROLOGY August Spitalny
3637 California Street, San Francisco 18

POSTGRADUATE EDUCATION NOTICES

THIS BULLETIN of the dates of postgraduate education programs and the meetings of various medical organizations in California is supplied by the Committee on Postgraduate Activities of the California Medical Association. In order that they may be listed here, please send communications relating to your future medical or surgical programs to Postgraduate Activities, California Medical Association, 693 Sutter Street, San Francisco 2.

UNIVERSITY OF CALIFORNIA AT LOS ANGELES

Clinical Traineeships — Anesthesia, Dermatology and Pediatric Cardiology. Dates by arrangement. Minimum period—two weeks. Fee: Two weeks, \$150.00; four weeks, \$250.00.

Dermatology in Clinical Practice. Monday and Tuesday evenings, 7:30 to 10:00 p.m., July 10 and 11. Fee: \$25.00.

Advanced Seminars in Dermatology (for Dermatologists). Wednesday through Sunday, July 12 through 16. University Conference Center, Lake Arrowhead. Thirteen hours. Fee: \$150.00 (includes room and meals).

Infertility. Friday and Saturday, July 14 and 15.†

Advanced Seminar on Infertility. Sunday through Wednesday, July 16 through 19. University Conference Center, Lake Arrowhead. Fee: \$137.50 (includes room and meals).

General Pediatrics. Wednesday through Sunday, August 2 through 6. University Conference Center, Lake Arrowhead. Sixteen hours. Fee: \$150.00 (includes room and meals).

Advanced Seminars in Internal Medicine. Sunday through Wednesday, August 6 through 9. University Conference Center, Lake Arrowhead. Fee: \$137.50 (includes room and meals).

Teaching Clinics. September 21 through December 14, Thursday evenings. 24 hours. Fee: \$60.00.

Lower Extremities Prosthetics. Monday through Friday, September 25 through 29. Fee: \$125.00.

For information on courses for physicians or ancillary personnel *contact:* Thomas H. Sternberg, M.D., assistant dean for Continuing Medical Education, U.C.L.A. Medical Center, Los Angeles 24. BRadshaw 2-8911, Ext. 7114.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Obstetrics and Gynecology. Thursday through Saturday, September 14 through 16. Twenty-one hours. Fee: \$40.00.

Internal Medicine—A Selective Review. Monday through Friday, September 18 through 22. Thirty-five hours. Fee: \$20.00 per day or \$90.00 per week.

Neuropsychiatry in General Practice. Thursdays, September 28 through November 2. Fee: \$5.00.

A Clinic on Human Disabilities. Friday and Saturday, September 29 and 30. Fourteen hours.*

Evening Lectures in Medicine. Oakland Hospital, Tuesday evenings, October 3 through November 21. Fee: \$35.00.

*Fee to be announced.

†Hours and fees to be announced.

Bone: Clinical Application of Recent Advances. Saturday through Monday, October 7 through 9. Twenty-one hours. Fee: \$50.00.

Urology. Thursday through Saturday, October 12 through 14. Twenty-one hours. Fee: \$50.00.

Problems Due to Infection in Medicine and Surgery. Saturday and Sunday, October 28 and 29. Fourteen hours. Fee: \$25.00.

Problems of Adolescence. Children's Hospital, Saturday, November 4. Seven hours. Fee: \$12.50.

Alcohol and Civilization. Saturday through Monday, November 11 through 13. Twenty-one hours. Fee: \$25.00.

Psychiatry in General Practice. Napa State Hospital, Saturday and Sunday, November 18 and 19. Fourteen hours. Fee: \$25.00.

Surgery of the Hand and Forearm. Friday through Sunday, December 1 through 3. Twenty-one hours. Fee: \$50.00.

External Diseases of the Eye. Thursday through Saturday, December 7 through 9. Twenty-one hours. Fee: \$50.00.

Fundamental Practices of Radioactivity and the Diagnostic and Therapeutic Use of Radioisotopes. Two or three month course limited to one enrollee per month. Fee: \$350.00.

For information on courses for physicians or ancillary personnel *contact:* Department of Continuing Medical Education in Medicine and Health Sciences, University of California Medical Center, San Francisco 22. MOntrorse 4-3600, Ext. 665.

PRESBYTERIAN MEDICAL CENTER, SAN FRANCISCO

Conference on Strabismus. Wednesday through Friday, July 12 through 14. Limited enrollment. Fee: \$100.00.

Retinal Detachment Course. September 4 through 6. Limited enrollment. Fee: \$100. *Contact:* Secretary, Presbyterian Medical Center Eye Bank, 2018 Webster Street, San Francisco 15.

Contact: Arthur Selzer, M.D., program committee chairman, Presbyterian Medical Center. Clav and Webster Sts., San Francisco 15, WEst 1-8000, Ext. 303 or 414.

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

Hawaii Course. August 2 through 18. The USC School of Medicine will offer the 4th Postgraduate Refresher Course to be held in Honolulu and on board the S.S. Matsonia. (As a time and money saver, air travel is also possible.)

Basic Home Course in Electrocardiography. One year postgraduate series, electrocardiogram interpretation by mail. Physicians may register at any time and receive all 52 issues. Fifty-two weeks. Fee: \$100.00.

Advanced Home Course in Electrocardiography. One year postgraduate series, electrocardiogram interpretation by mail. Fifty-two issues: \$85.00. Physicians may register at any time.

Intensive Review of Internal Medicine. Monday through Friday, September 11 through 22, 8:30 a.m. to 12:30 p.m., Los Angeles County Hospital. Fee: \$65.00.

Recent Advances in Medicine. Thursday and Friday, November 9 and 10, Statler Hotel, Los Angeles.*

Contact: Phil R. Manning, M.D., Associate Dean and Director, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 33. CApital 5-1511.

COLLEGE OF MEDICAL EVANGELISTS

Clinical Traineeships available in clinical departments by arrangement with Postgraduate Division and Postgraduate Chairman of department involved. In addition to those listed other traineeships in other departments can be arranged. Eighty hours minimum. Limited enrollment. Begin when individually arranged.

1. **Anesthesia.** Six months. 250 to 300 hours. Fee: \$350.00.
2. **Internal Medicine.** Two weeks to nine months.
3. **Pulmonary Diseases** (can be arranged).
4. **Traumatology.** One month. 160 hours. Fee: \$125.00.
5. **Urology** (can be arranged).

Alumni Postgraduate Convention. March 13 through 15, 1962, Ambassador Hotel, Los Angeles. *Contact:* Kenneth H. Abbott, M.D.

For information contact: Office of the Dean, College of Medical Evangelists, 1720 Brooklyn Ave., Los Angeles 33. ANgelus 9-7241, Ext. 214.

AUDIO-DIGEST FOUNDATION

A nonprofit subsidiary of California Medical Association, offers a subscription series of hour-long tape recordings condensing highlights of important literature and leading national meetings. Designed to be heard in the automobile, home or office. Six different services are offered—General Practice, Surgery, Internal Medicine, Obstetrics-Gynecology, Pediatrics, and Anesthesiology. Also, just compiled and released is a Catalog of Classics, offering panel discussions and symposia on specific subjects in all specialties. For information contact Mr. Claron L. Oakley, Editor, 619 So. Westlake Avenue, Los Angeles 57, HUbbard 3-3451.

Medical Dates Bulletin

SUMMER MEETINGS

LOS ANGELES ACADEMY OF GENERAL PRACTICE Medical Seminars for General Practitioners. University Residential Conference Center, Lake Arrowhead, July 8 through 12. *Contact:* Gordon Beckner, M.D., program chairman, 1704 West Manchester, Los Angeles 45.

NEVADA STATE MEDICAL ASSOCIATION 58th Annual Meeting and 11th Annual Conference of the Reno Surgical Society. August 23 through 26. Reno, Nevada. *Contact:* Mr. Nelson B. Neff, Exec. Secretary, Nevada State Medical Association, 506 Humboldt St., Reno.

PACIFIC DERMATOLOGIC ASSOCIATION Annual Meeting. Hotel Utah, Salt Lake City, Utah, August 30 through September 2. *Contact:* Edward J. Ringrose, M.D., secretary-treasurer, 2828 Telegraph Avenue, Berkeley 5.

SEPTEMBER MEETINGS

NATIONAL KIDNEY DISEASE FOUNDATION First Professional Kidney Symposium, Ambassador Hotel, Los Angeles, September 13, 9:00 a.m. to 5:00 p.m. Fee: \$12.50 (includes lectures and lunch). *Contact:* Mrs. Jean Gordon, administrative assistant, 1227½ South La Brea, Los Angeles 19.

LOS ANGELES PEDIATRIC SOCIETY Meeting. The use of Amphetamine Tranquilizers and Psychic Energizers in Pediatrics, September 14, 6:30 p.m. Los Angeles County

Medical Association Building, 1925 Wilshire Boulevard, Los Angeles. *Contact:* Leslie M. Holve, M.D., secretary, 1015 Gayley, Los Angeles 24.

ST. JOHN'S HOSPITAL Postgraduate Assembly, September 14 through 16. St. John's Hospital, 1328 22nd St., Santa Monica. *Contact:* John C. Eagan, M.D., director, 1328 22nd St., Santa Monica.

SANTA BARBARA COUNTY HEART ASSOCIATION Sixth Annual Symposium on Cardiovascular Disease. September 16, 9 a.m. to 5 p.m. Santa Barbara Biltmore Hotel. *Contact:* Mrs. Sara Clyde, executive director, 18 La Arcada Court, Santa Barbara.

WASHINGTON STATE MEDICAL ASSOCIATION Annual Convention. September 17 through 20. Olympic Hotel, Seattle, Wash. *Contact:* R. W. Neill, 1309 7th Ave., Seattle.

SAN FRANCISCO HEART ASSOCIATION 31st Annual Postgraduate Symposium. September 27 through 29, St. Francis Hotel, San Francisco. *Contact:* Gene Taylor, executive director, 259 Geary Street, San Francisco 2.

CALIFORNIA SOCIETY OF INTERNAL MEDICINE Annual Meeting. September 29 through October 1. Hotel del Coronado, Coronado. *Contact:* Philip L. Pillsbury, M.D., secretary-treasurer, 350 Post Street, San Francisco 8.

OCTOBER MEETINGS

KAISER FOUNDATION HOSPITALS IN NORTHERN CALIFORNIA Fifth Annual Symposium on Immunology and Autoimmune Disease. October 6 and 7, Fairmont Hotel, San Francisco. *Contact:* Martin A. Shearn, M.D., director of medical education, 280 West MacArthur Blvd., Oakland.

WESTERN INDUSTRIAL MEDICAL ASSOCIATION Western Occupational Health Conference, October 6 and 7, Biltmore Hotel, Los Angeles. *Contact:* B. M. Brundage, M.D., Medical Director, Atomics International, P. O. Box 309, Canoga Park, Calif.

LOS ANGELES COUNTY HEART ASSOCIATION Professional Symposium. October 11 and 12. 9 a.m. to 5 p.m., Statler Hilton Hotel, Los Angeles. *Contact:* Manuel Siegel, Program Director, 2405 W. 8th St., Los Angeles 57.

CALIFORNIA ACADEMY OF GENERAL PRACTICE Scientific Assembly. October 15 through 18. Statler Hilton Hotel, Los Angeles. *Contact:* William W. Rogers, Exec. Secretary, 461 Market Street, San Francisco 5.

SOUTHWESTERN MEDICAL ASSOCIATION 43rd Annual Meeting, October 19 through 21. Tropicana Hotel, Las Vegas, Nevada. Registration: \$25 (includes 2 roundtable discussion luncheons). *Contact:* Mott, Reid, and McFall, 310 North Stanton Street, El Paso, Texas.

WEST COAST PSYCHOANALYTIC SOCIETIES Meeting, Beverly Hills, October 21 and 22. *Contact:* Executive Secretary, Los Angeles Institute for Psychoanalysis, 344 North Bedford Drive, Beverly Hills.

ST. JUDE HOSPITAL POSTGRADUATE ASSEMBLY, Fullerton, October 22, all day beginning at 8:30 a.m. *Contact:* B. L. Tesman, M.D., St. Jude Hospital, Fullerton.

AMERICAN SOCIETY OF ANESTHESIOLOGISTS, INC., October 22 through 27, Statler Hilton, Los Angeles. *Contact:* Mr. John W. Andes, executive secretary, 515 Busse Highway, Park Ridge, Illinois.

CALIFORNIA CONFERENCE OF LOCAL HEALTH OFFICERS Fall Meeting, Woodland, Calif., October 25 and 26. *Contact:* Donald G. Davy, M.D., assistant to chief, Division of Community Health Services, Dept. of Public Health, Berkeley 4.

KERN COUNTY GENERAL HOSPITAL Postgraduate Conference and Alumni Day, October 27. *Contact:* George A. Paulsen, M.D., chairman, Postgraduate Conference Committee, Kern County General Hospital, 1830 Flower Street, Bakersfield.

SAN DIEGO COUNTY HEART ASSOCIATION Eleventh Annual Symposium. San Diego Veterans War Memorial Building, October 27 and 28. *Contact:* O. M. Avison, executive director, 3545 Fourth Avenue, San Diego 3.

NOVEMBER MEETINGS

AMERICAN COLLEGE OF PHYSICIANS Southern California Region Annual Basic Science Lecture. Statler Hilton, Los Angeles, November 1, 6:30 p.m. *Contact:* George C. Griffith, M.D., governor, Box 25, 1200 North State Street, Los Angeles 33.

SAN DIEGO COUNTY GENERAL HOSPITAL Fifteenth Annual Postgraduate Assembly. November 1 and 2. No registration fee. *Contact:* David E. Wile, M.D., chairman, San Diego County General Hospital, San Diego.

LOS ANGELES PEDIATRIC SOCIETY (of Los Angeles County Medical Association) Annual Brennemann Lecture Series. Ambassador Hotel, Los Angeles, November 8 and 9. *Contact:* Leslie M. Holve, M.D., secretary, 1015 Gayley, Los Angeles 24.

PACIFIC COAST FERTILITY SOCIETY Tenth Annual Meeting. El Mirador Hotel, Palm Springs, November 9 through 12. *Contact:* Gregory Smith, M.D., secretary, 909 Hyde Street, San Francisco 9.

SAN DIEGO CHAPTER, CALIFORNIA ACADEMY OF GENERAL PRACTICE Fifth Annual Meeting. November 9 through 11, Riviera Hotel, Las Vegas. *Contact:* George H. Burkhardt, M.D., 514 Third Ave., Chula Vista.

WESTERN SURGICAL ASSOCIATION, November 29 through December 1, St. Francis Hotel, San Francisco. *Contact:* Walter W. Carroll, M.D., secretary, 700 N. Michigan Ave., Chicago 11.

DECEMBER MEETINGS

AMERICAN COLLEGE OF CHEST PHYSICIANS Seventh Annual Postgraduate Course on Diseases of the Chest,

December 4 through 8, 9:00 a.m. to 5:00 p.m. daily, Statler Hilton Hotel, Los Angeles. *Contact:* Mr. Murray Kornfeld, executive director, 112 East Chestnut Street, Chicago 11, Illinois.

1962 MEETINGS

LOS ANGELES COUNTY HEART ASSOCIATION Sixth Midwinter Professional Symposium, January 10, Statler Hilton Hotel, Los Angeles. *Contact:* Edward Shapiro, M.D., chairman, Professional Symposium Committee, Los Angeles County Heart Association, 2405 W. 8th Street, Los Angeles 57.

AMERICAN COLLEGE OF SURGEONS Sectional Meeting. Statler-Hilton and Biltmore Hotels, Los Angeles, January 29 through February 1. *Contact:* William E. Adams, M.D., secretary, 40 E. Erie Street, Chicago 11.

TUBERCULOSIS AND HEALTH ASSOCIATION OF CALIFORNIA Annual Meeting. El Cortez Hotel, San Diego, February 7 through 10. *Contact:* Mr. Wm. Phraener, coordinator, public relations, 130 Hayes Street, San Francisco.

AMERICAN COLLEGE OF PHYSICIANS SOUTHERN CALIFORNIA REGION Annual Regional Meeting. El Mirador Hotel, Palm Springs, February 16 through 18. *Contact:* George C. Griffith, M.D., governor, Box 25, 1200 North State Street, Los Angeles 33.

PACIFIC COAST SURGICAL ASSOCIATION Annual Meeting. Sheraton Hotel, Portland, Oregon, February 18 through 21. *Contact:* Carleton Mathewson, M.D., Presbyterian Medical Center, San Francisco.

SOUTHWESTERN PEDIATRIC SOCIETY Spring Lecture Series. Evening of March 6 and all day March 7, Statler Hotel, Los Angeles. *Contact:* R. W. Watson, 504 So. Sierra Madre Boulevard, Pasadena.

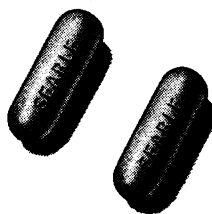
AMERICAN ORTHOPSYCHIATRIC ASSOCIATION, Inc., Biltmore Hotel, Los Angeles, March 21 through 24. *Contact:* Dr. Marion F. Langer, 1790 Broadway, New York 19.

INTERNATIONAL COLLEGE OF APPLIED NUTRITION Annual Convention. Huntington-Sheraton Hotel, Pasadena, March 22 and 23. *Contact:* Donald C. Collins, M.D., secretary, Suite 503, 7046 Hollywood Blvd., Hollywood 28.

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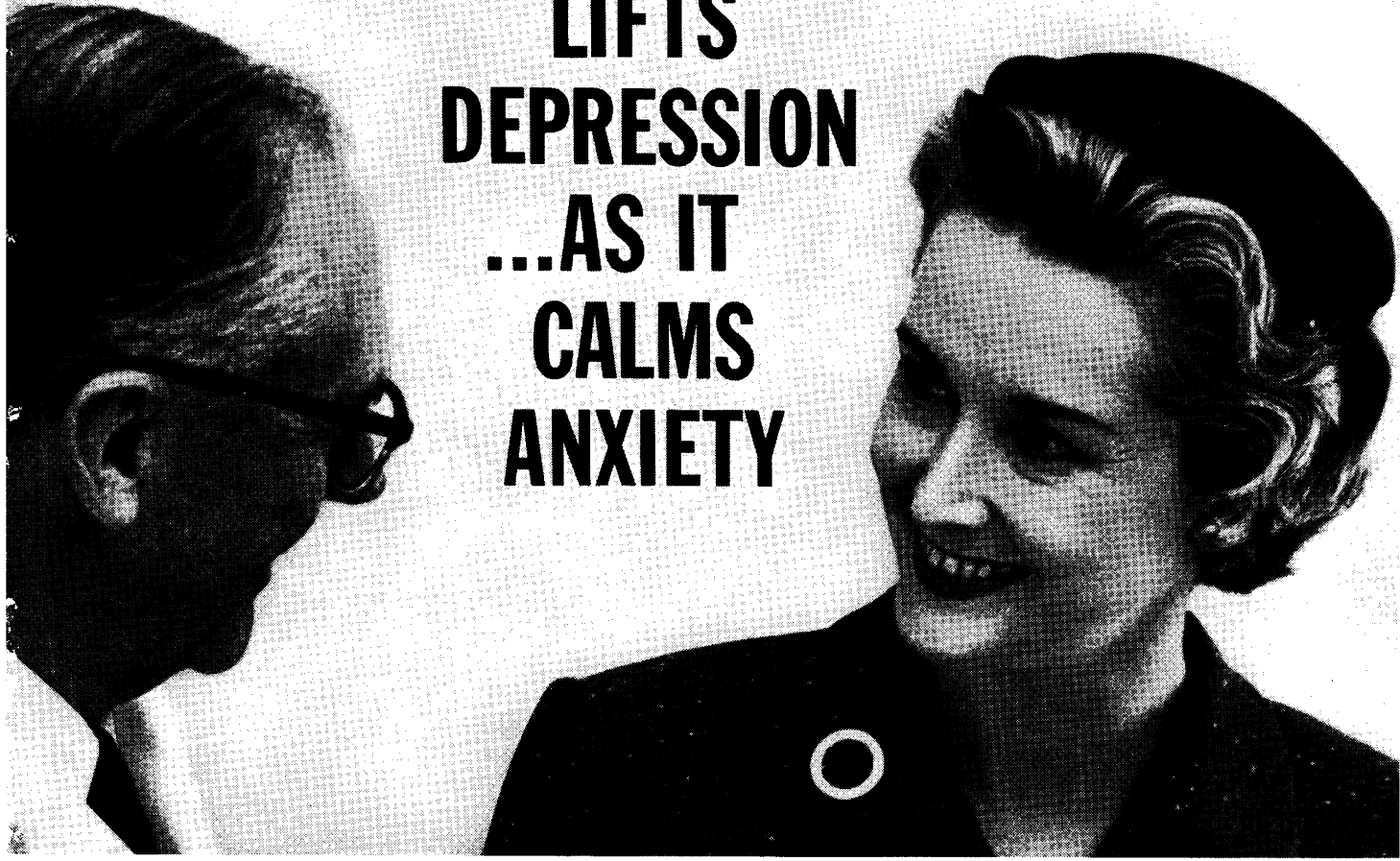
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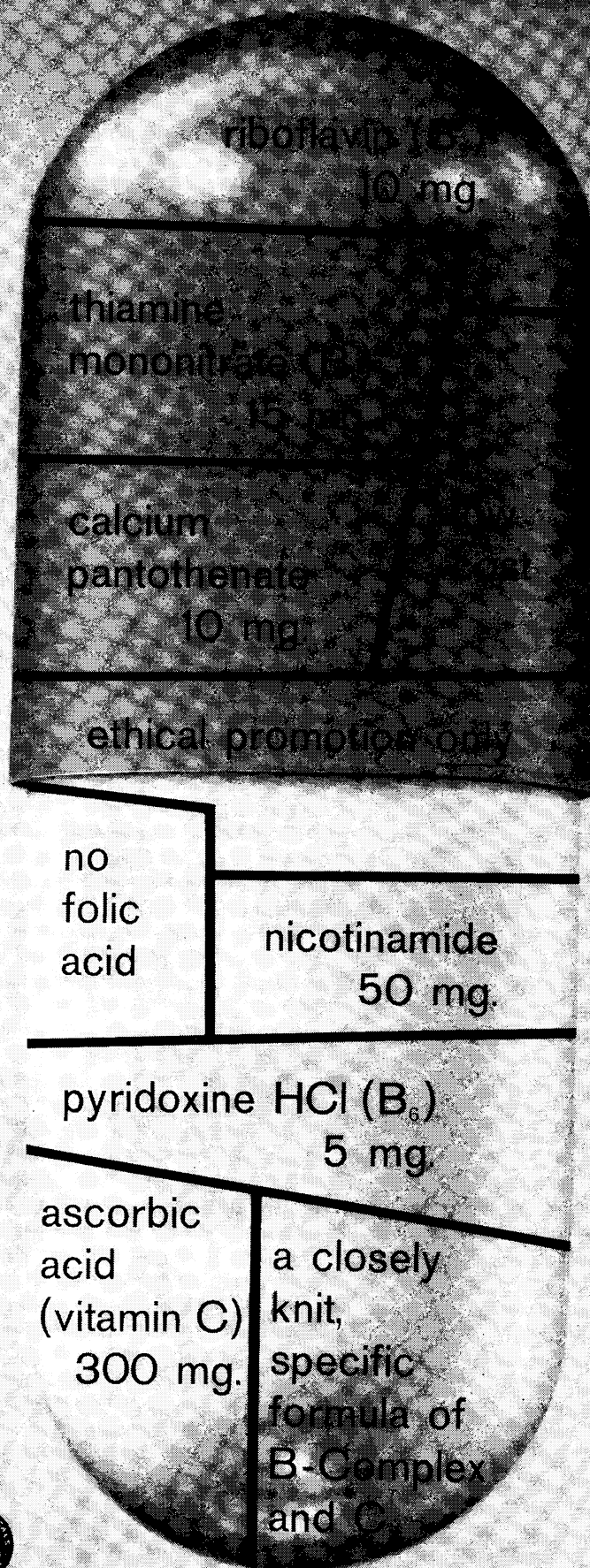
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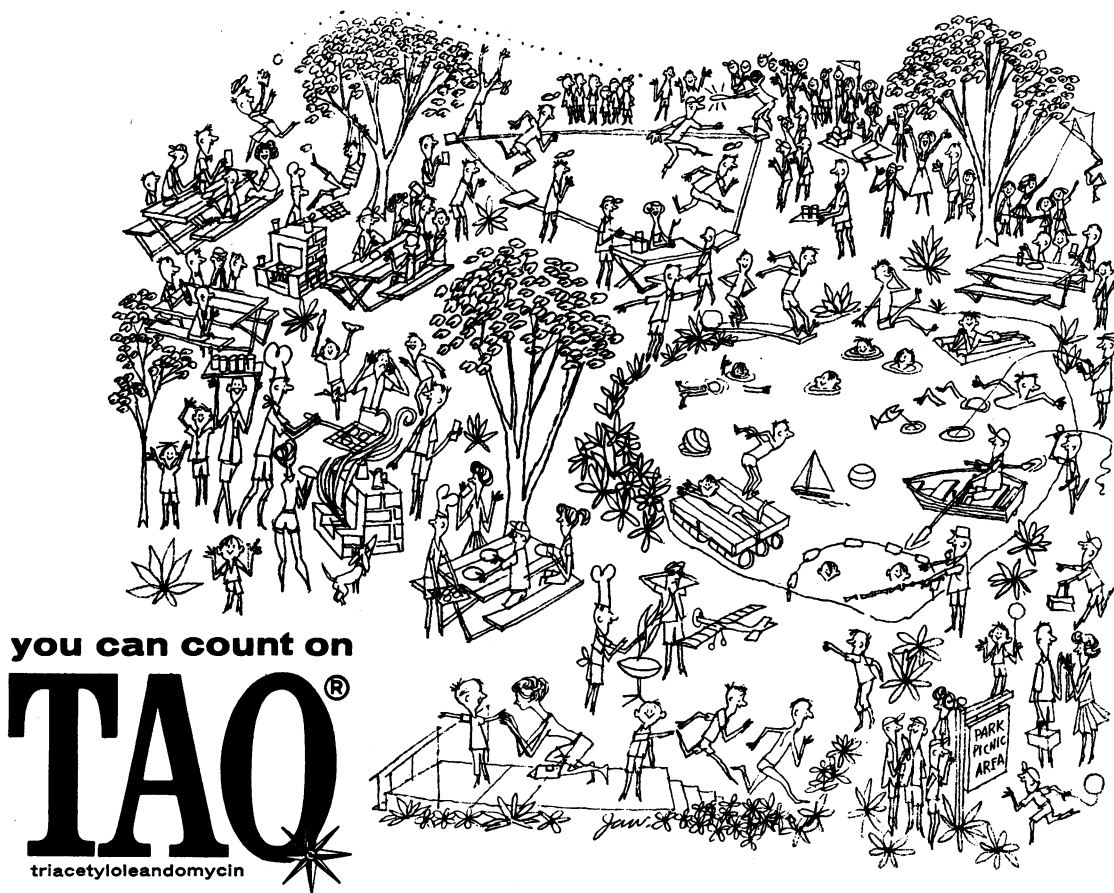


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specific therapy and indicated supportive treatment instituted if such resistant infection or superinfection should appear.

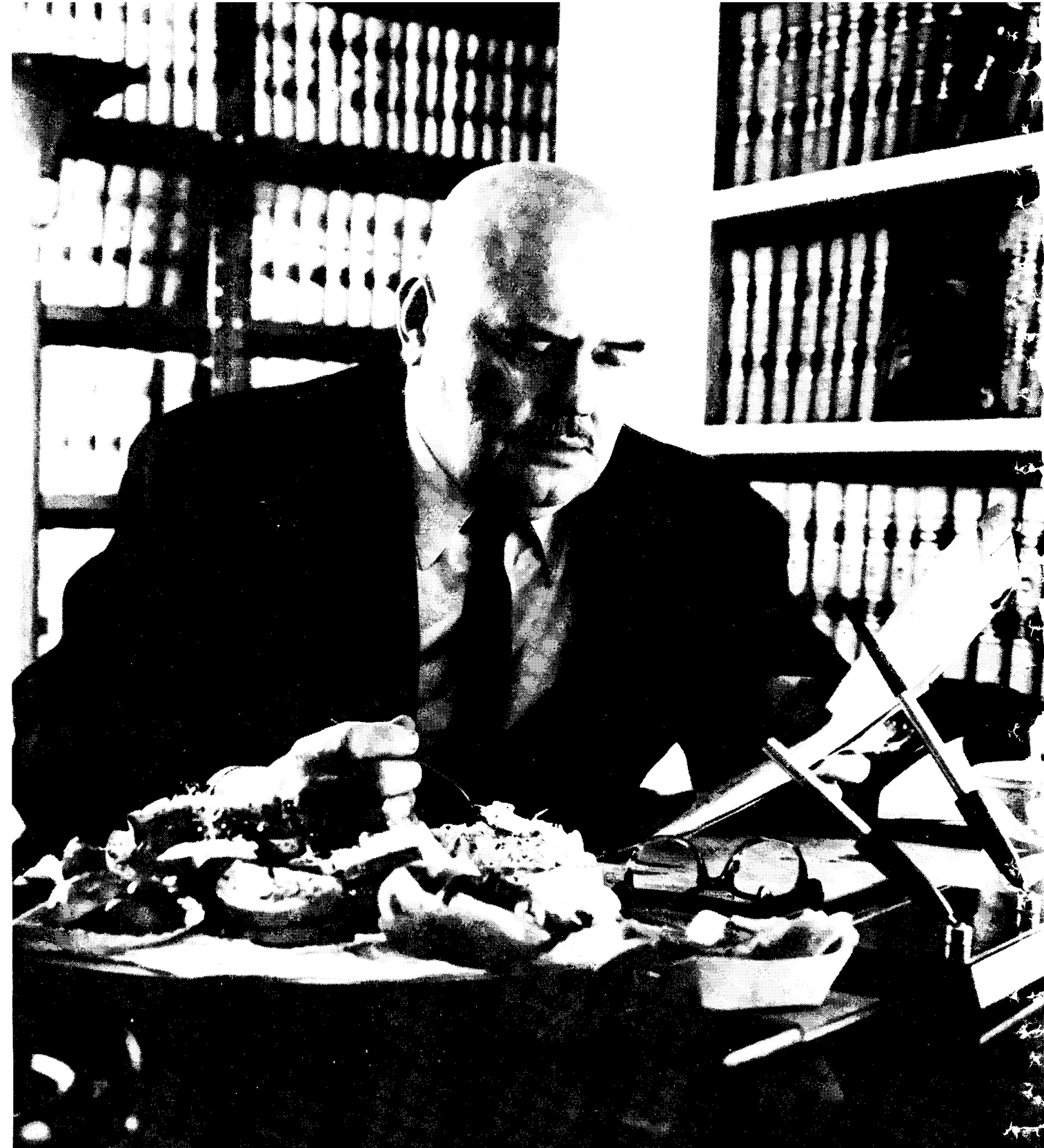
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References: 1. LeFebvre, M., et al.: *Antibiotics Annual 1959-1960*, New York, Antibiotica, Inc., 1960, p. 755. 2. Fisher, A. A.: *Med. Times* 88:1056 (Sept.) 1960. 3. Steller, R. E.: *Antibiotic Med. & Clin. Therapy* 7:691 (Nov.) 1960. Literature on request.



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SPECIAL PROBLEM: OVERWEIGHT

No patient developed voracious appetite on triamcinolone. Preferable for the overweight person whose appetite is undesirably stimulated by other steroids. (Freyberg, R. H.; Berntsen, C. A., Jr., and Hellman, L.: *Arthritis & Rheumatism* 1:215 [June] 1958.)

SPECIAL PROBLEM: EDEMA

Since it does not produce edema, triamcinolone is useful in rheumatoid arthritis patients with cardiac decompensation who need steroid therapy. (Hollander, J. L.: *J.A.M.A.* 172:306 [Jan. 23] 1960.)

SPECIAL PROBLEM: HYPERTENSION

Triamcinolone may be included among the currently available antirheumatic steroids having the least tendency to cause sodium retention. (Ward, L. E.: *J.A.M.A.* 170:1318 [July 11] 1959.)

Hypertension did not result from triamcinolone therapy. Existing hypertension was reduced sometimes. This may have been due to lack of sodium retention. (Freyberg, R. H.; Berntsen, C. A., Jr., and Hellman, L.: *Arthritis & Rheumatism* 1:215 [June] 1958.)

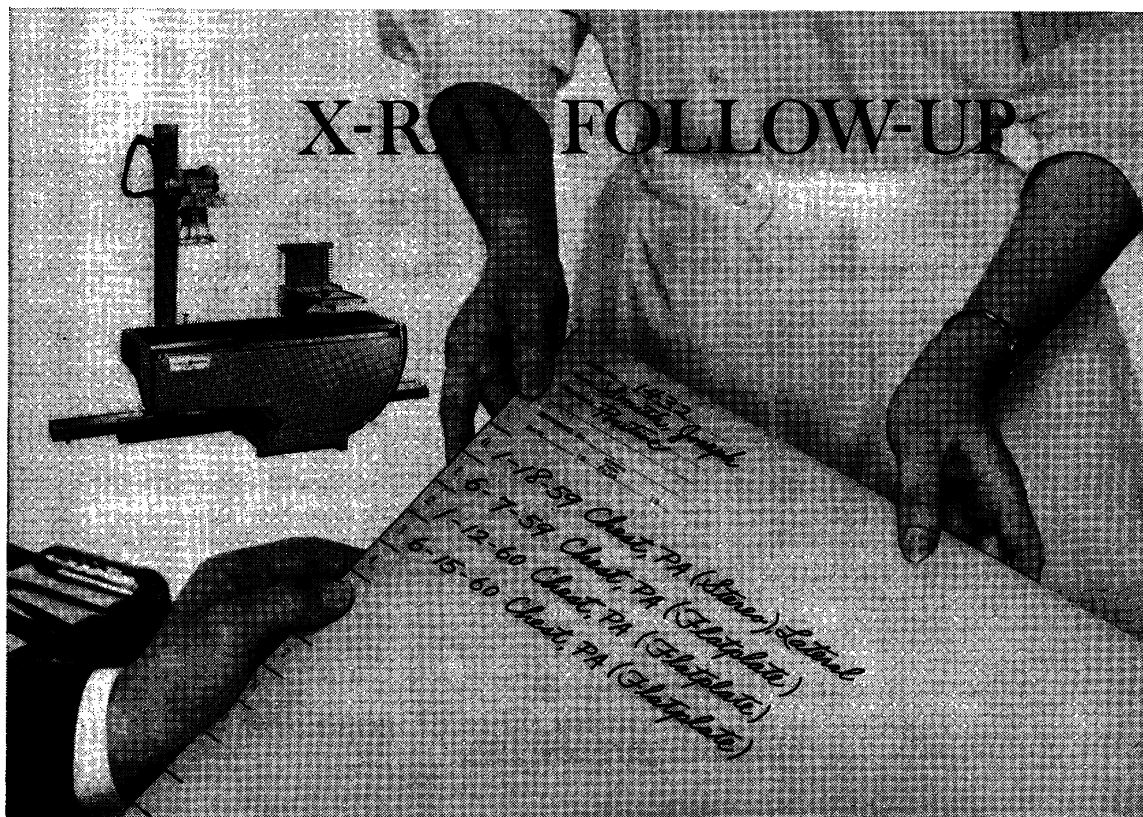
Precautions: Collateral hormonal effects generally associated with corticosteroids may be induced. These include Cushingoid manifestations and muscle weakness. However, sodium and potassium retention, edema, weight gain, psychic aberration and hypertension are exceedingly rare. In the treatment of rheumatoid arthritis, dosage should be individualized and kept at the lowest level needed to control symptoms. Dosage should not exceed 36 mg. daily without potassium supplementation. Drug should not be withdrawn abruptly. Contraindicated in herpes simplex and chicken pox.

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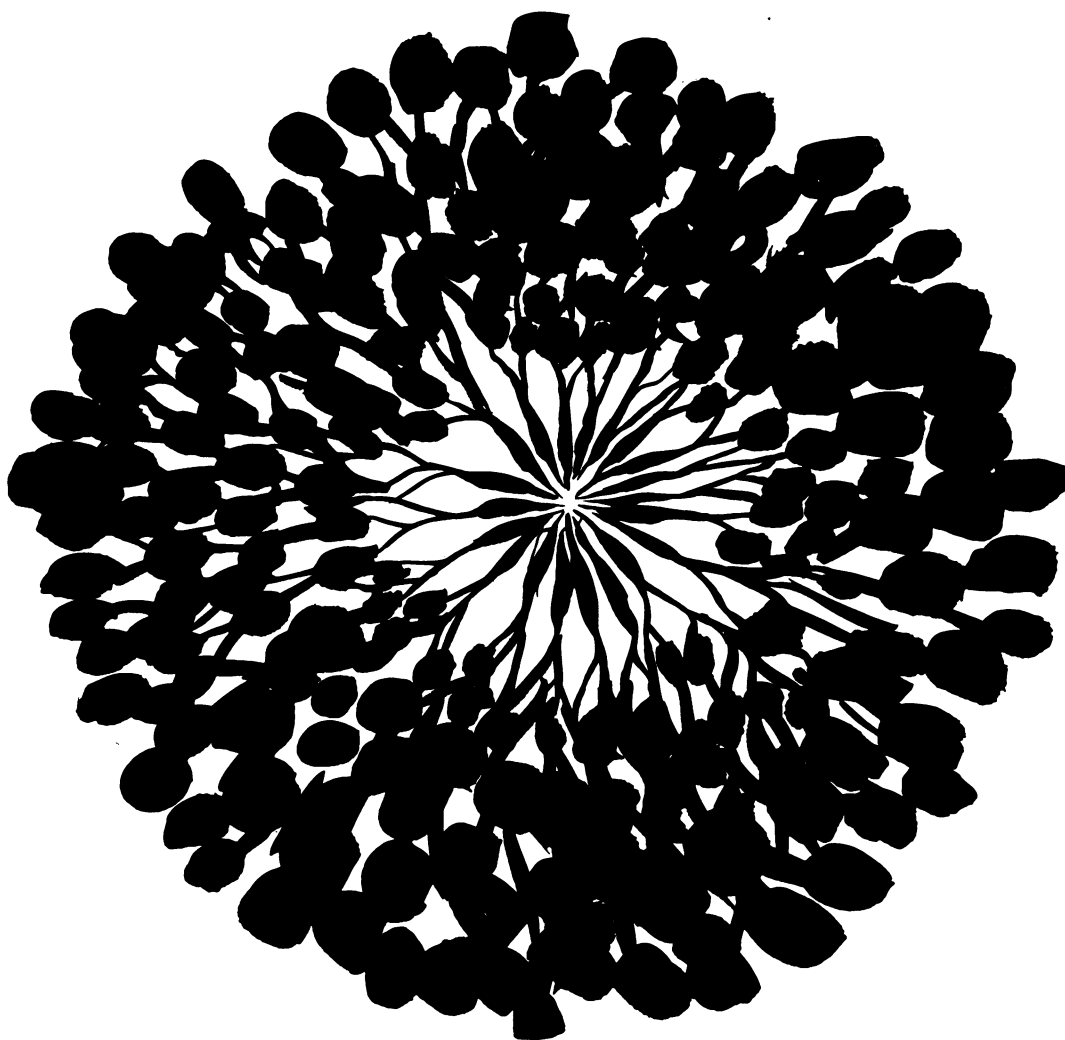
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hypervitam

spheres

therapeutic multiple vitamins for use in
surgery • convalescence • diabetic and other restricted diets
geriatric patients • cardiac patients

no after taste: special processing eliminates regurgitation, repeating, fish taste or odor.

an abundance of essential vitamins of standardized quality.

better absorption and utilization of vitamins A, D, and E because they are "aqualized."

low cost to patients: less than five cents per daily dose (one Hypervitam sphere).

you are the doctor: Hypervitam is promoted only to the profession. Control of vitamin therapy is in your hands, as it should be.

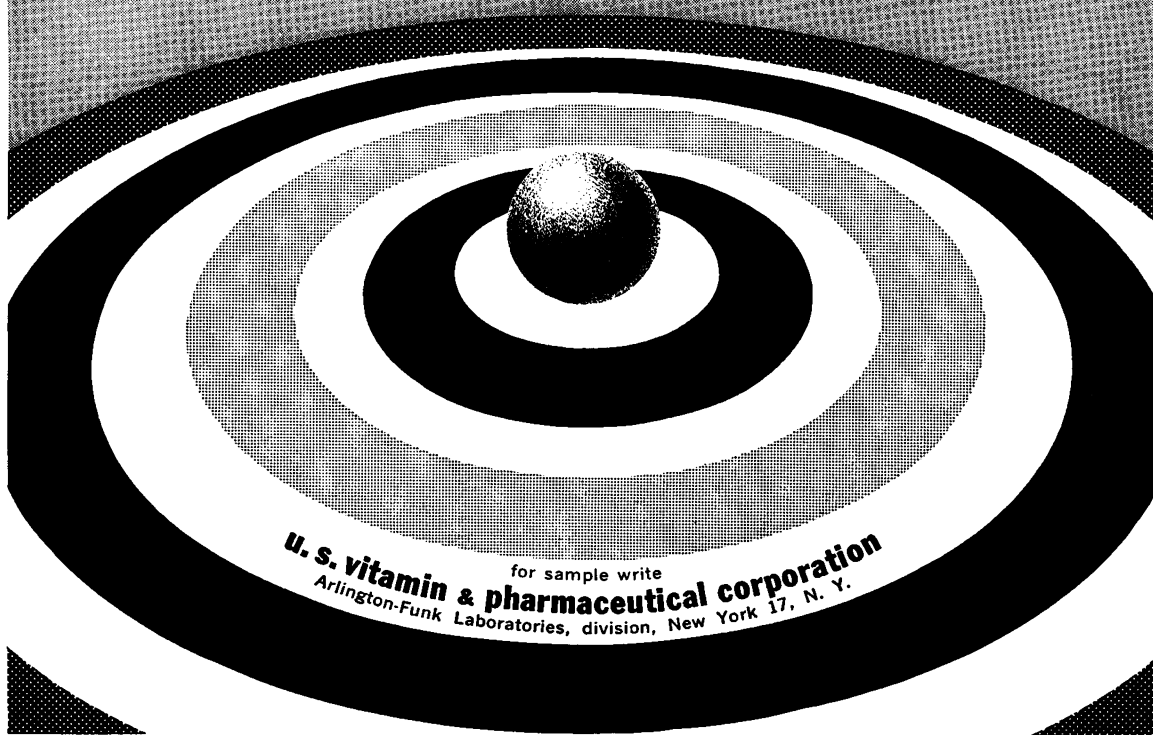
supplied: Bottles of 50 Hypervitam spheres.

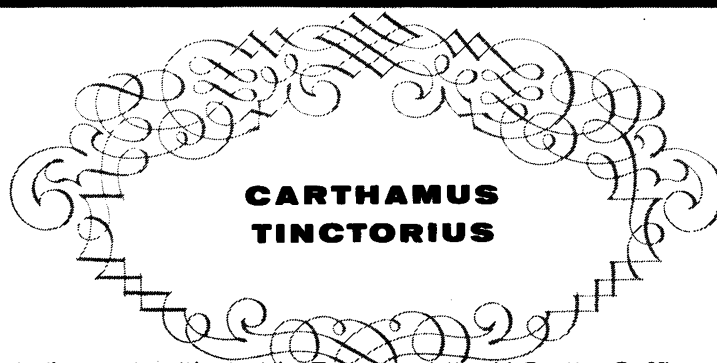
"... good nutrition is important for optimal resistance to infection... superior tissue capability to cope with disease and injury, and for maximum antibody production." Halpern, S. L.; Ann. N. Y. Acad. Sci. 63:147, 1955.

Each Hypervitam Sphere provides:

Vitamin A*	25,000 U.S.P. Units
Ascorbic Acid (C)	250 mg.
Thiamine Mononitrate (B ₁)	25 mg.
Riboflavin (B ₂)	15 mg.
Pyridoxine HCl (B ₆)	5 mg.
Vitamin B ₁₂	5 mcg.
Niacinamide	75 mg.
o, Calcium Pantothenate	15 mg.
Vitamin D*	1,000 U.S.P. Units
Vitamin E*	5 Int. Units

*protected by U.S. Patent No. 2,417,299 owned and controlled by U. S. Vitamin & Pharmaceutical Corp.





CARTHAMUS TINCTORIUS

Native of the East Indies and cultivated in Egypt and the U.S., the Safflower is the source of the most highly unsaturated, cholesterol-free edible oil available anywhere in the world today. Safflower Oil contains more essential linoleates and poly-unsaturated fatty acids per calorie than any other commercially available oil. It is expensive. We use it as an ingredient in **HI-SAFF IMITATION ICE CREAM**.

HI-SAFF IMITATION ICE CREAM has a pleasing texture and four pleasing flavors—vanilla, chocolate, strawberry, and black walnut. It is an excellent dessert for patients who should avoid butter-fats or hydrogenated oils in their diets.

May we send you, free of charge, certificates good for samples of **HI-SAFF**? Have your secretary request them by writing: Frozen Desserts Company, 6659 Santa Monica Blvd., Los Angeles 38, Calif.

INGREDIENTS: Water, non-hydrogenated Safflower oil, non-fat milk solids, sugar, corn syrup solids, honey, vegetable stabilizer, vegetable emulsifier, lecithin (soy phosphatides), natural and artificial flavoring and coloring, with oxygen interceptor (anti-oxidant) added to improve stability, Vitamin A (palmitate), and Vitamin D (irradiated ergosterol).



have you heard, Doctor? Chymoral[®] cuts healing time in accidental trauma

Whether the patient presents the simple edema and inflammation of a sprained ankle or the severe lacerations and bruising from a violent accident, immediate adjunctive use of Chymoral speeds resolution of traumatic manifestations. Chymoral modifies the inflammatory reaction to trauma, dissipates edema and blood extravasates, improves regional circulation, and thus aids the body's natural reparative activities. In other general practice areas, too, Chymoral cuts healing time. Results have been achieved in acute sinusitis, bronchitis, bronchial asthma, emphysema, chronic pelvic inflammatory disease, and acute thrombophlebitis.¹⁻⁵

Controls inflammation, curtails swelling, curbs pain

1. Beck, C., *et al.*: Clin. Med. 7:519, 1960. 2. Teitel, L. H., *et al.*: Indust. Med. 29:150, 1960. 3. Billow, B. W., *et al.*: Southwestern Med. 41:286, 1960. 4. Clinical Reports to the Medical Department, Armour Pharmaceutical Company, 1960. 5. Taub, S. J.: Clin. Med. 7: 2575, 1960.

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ARMOUR PHARMACEUTICAL COMPANY
KANKAKEE, ILLINOIS • *Armour Means Protection*

CHYMORAL

*ORAL systemic anti-
inflammatory enzyme tablet*

CHYMORAL

Chymoral is an ORAL anti-inflammatory enzyme tablet specifically formulated for intestinal absorption. Each tablet provides enzymatic activity, equivalent to 50,000 Armour Units, supplied by a purified concentrate which has specific trypsin and chymotrypsin activity in a ratio of approximately six to one. ACTION: Reduces inflammation of all types; reduces and prevents edema except that of cardiac or renal origin; hastens absorption of blood and lymph extravasates; helps to liquefy thick tenacious mucous secretions; improves regional circulation; promotes healing; reduces pain. INDICATIONS: Chymoral is indicated in respiratory conditions such as asthma, bronchitis, rhinitis, sinusitis; in accidental trauma to speed absorption of hematoma, bruises, and contusions; in inflammatory dermatoses to ameliorate acute inflammation in conjunction with standard therapies; in gynecologic conditions such as pelvic inflammatory disease and mastitis; in obstetrics as episiotomies and breast engorgement; in surgical procedures as biopsies, hernia repairs, hemorrhoidectomies, mastectomies, phlebitis and thrombophlebitis; in genitourinary disorders as epididymitis, orchitis and prostatitis; in dental and oral surgery as fractures of the mandible or maxilla, difficult or multiple extractions, and alveolectomies. CONTRAINDICATIONS: None known. INCOMPATIBILITIES: None known. Antibiotics as well as generally accepted measures may be coadministered. SIDE EFFECTS: Mild gastric upsets, rarely encountered. DOSAGE: Recommended initial dose is two tablets q.i.d.; one tablet q.i.d. for maintenance. SUPPLIED: Bottles of 48 tablets.





THERAPEUTIC INDEX

"Thiosulfil" Forte 0.5 Gm. Tablet

BRAND OF SULFAMETHIZOLE

"THIOSULFIL" has been found effective against the following urinary pathogens: *Proteus vulgaris*, *Pseudomonas aeruginosa*, *Escherichia coli*, *Streptococcus fecalis*, *Escherichia intermedium*, and *Aerobacter aerogenes*. In individual cases, sensitivity of the organisms may vary. Sensitivity tests, preferably by the tube dilution method, should be done first, for guidance as to alternate therapy in case "THIOSULFIL" FORTE does not control the infection.

INDICATIONS: Treatment of cystitis, urethritis, pyelitis, pyelonephritis, and prostatitis due to bacterial infection amenable to sulfonamide therapy; prior to and following genitourinary surgery and instrumentation; prophylactically, in patients with indwelling catheters, ureterostomies, urinary stasis, and cord bladders.

SUGGESTED RANGE OF DOSAGE: Adults: 1 or 2 tablets (0.5 Gm.-1.0 Gm.) three or four times daily.

WARNING: Due to the high solubility in body fluids of "THIOSULFIL" and its acetyl form, the hazards of renal tubule obstruction are minimized. The usual precautions exercised with sulfa drugs generally should, however, be observed. In those rare instances where exanthemata, urticaria, nausea, emesis, fever or hematuria, are encountered, administration should be discontinued.

CONTRAINDICATION: A history of sulfonamide sensitivity.

SUPPLIED: NO. 786 — "THIOSULFIL" FORTE — Each tablet contains sulfamethizole 0.5 Gm. (scored), in bottles of 100 and 1,000.

ALSO AVAILABLE — NO. 785: "THIOSULFIL" — Each tablet contains sulfamethizole 0.25 Gm. (scored), in bottles of 100 and 1,000. No. 914 — "THIOSULFIL" Suspension — Each 5 cc. (teaspoonful) contains sulfamethizole 0.25 Gm., in bottles of 4 and 16 fluidounces.

SUGGESTED DOSAGES: Infants and children: The dosage is scheduled on an average basis of $\frac{1}{2}$ to $\frac{3}{4}$ gr. (30 to 45 mg.) per pound of body weight per day in divided doses. Maximum dosage up to 50 lbs., $\frac{1}{2}$ teaspoonful q.i.d. Maximum dosage from 50 to 75 lbs., 1 teaspoonful q.i.d.

WHEN ANALGESIA IS DESIRED

"THIOSULFIL"-A FORTE NO. 783:

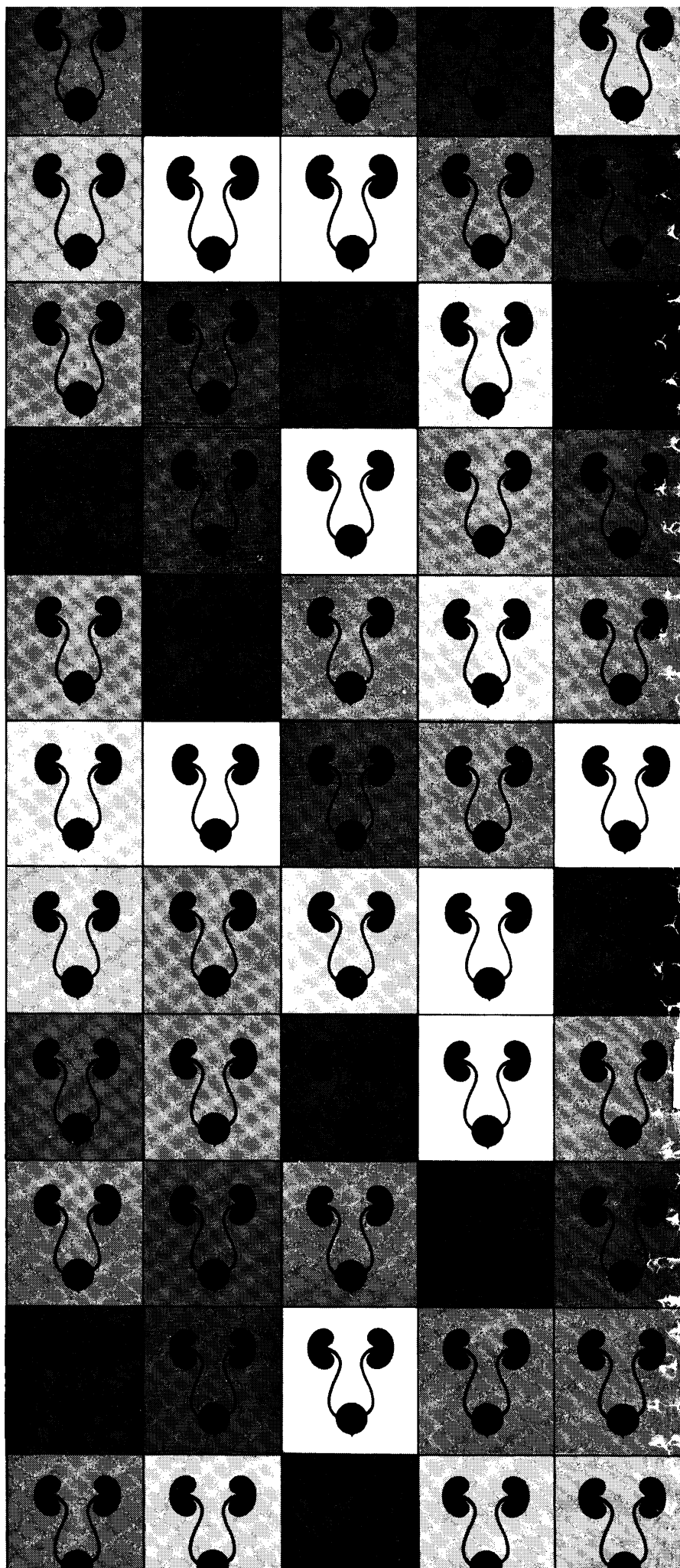
Each tablet contains sulfamethizole 0.5 Gm., and phenylazo-diamino-pyridine HCl 50.0 mg., in bottles of 100 and 1,000.

CONTRAINDICATIONS: (1) a history of sulfonamide sensitivity and (2) due to the phenylazo-diamino-pyridine HCl component, renal and hepatic failure, glomerulonephritis, and pyelonephritis of pregnancy with gastrointestinal disturbances.

USUAL DOSAGE: Adults: 2 tablets, four times daily. Children (9 to 12 years): 1 tablet, four times daily.

ALSO AVAILABLE: NO. 784 "THIOSULFIL"—A — Each tablet contains sulfamethizole 0.25 Gm., and phenylazo-diamino-pyridine HCl 50.0 mg., in bottles of 100 and 1,000. **USUAL DOSAGE:** Adults: 2 tablets, four times daily. Children (9 to 12 years): 1 tablet, four times daily.

For references, see opposite page.



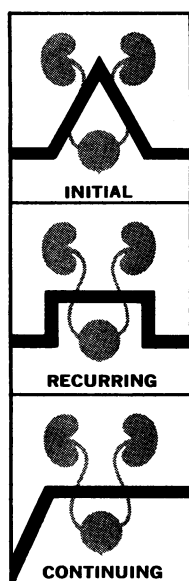
SAFELY MANAGES ALL EPISODES OF URINARY TRACT INFECTION

“Thiosulfil”[®] Forte 0.5 Gm. Tablet (BRAND OF SULFAMETHIZOLE)

THE ONE SULFONAMIDE THAT OFFERS

- Maximum urinary concentration of active, free sulfa at site of infection
- Rapid clearance (noncumulative)
- Rare incidence of side effects
- High degree of clinical effectiveness

“Thiosulfil” dosage schedules reported in the literature.



INITIAL EPISODE (Acute Infection) 3 Gm./day¹

Based on 7 years' clinical experience in treating 3,057 cases of upper and lower urinary tract infection, Bourque¹ found 3 Gm./day for 2 weeks (the average dosage employed in 97 per cent of patients) effective in most cases.

RECURRING EPISODE (Flare-up) 3 Gm./day¹

Same dosage as above. When longer therapy is required as in cases where there is stasis due to obstruction, administration may be continued at a lower dosage range.

CONTINUING EPISODE (Stasis/Obstruction) 2 Gm./day^{2,3} 0.5 Gm./day⁴

Where infection remains latent due to causes which cannot be eliminated as in paraplegia, patients have been maintained symptom-free on dosage regimens ranging from 2 Gm. to 0.5 Gm./day. After initial control of acute symptoms, therapy may be continued indefinitely on a low dosage basis to guard against recurrence and prevent ascending infection. Many cases can be controlled with as little as 0.5 Gm./day.

SUPPLIED: No. 786 — “Thiosulfil” Forte — Each tablet contains sulfamethizole 0.5 Gm. (scored), in bottles of 100 and 1,000.

ALSO AVAILABLE — In urinary tract infection—to alleviate pain and control the infection: No. 783 — “**THIOSULFIL**”[®]-A **FORTE** combines the sulfonamide specific for urinary tract infection with a potent analgesic for prompt, soothing relief of local discomfort. Each tablet contains sulfamethizole 0.5 Gm. and phenylazo-diamino-pyridine HCl 50 mg., in bottles of 100 and 1,000 tablets.

References: 1. Bourque, J.-P., and Gauthier, G.-E.: L'Union Medicale 89:640 (May) 1960. 2. Cottrell, T. L. C., Rolnick, D., and Lloyd, F. A.: Rocky Mountain M. J. 56:66 (Mar.) 1959. 3. Bourque, J.-P., and Joyal, J.: Canad. M.A.J. 68:337 (Apr.) 1953. 4. Hughes, J., Coppridge, W. M., and Roberts, L. C.: North Carolina M. J. 17:320 (July) 1956.



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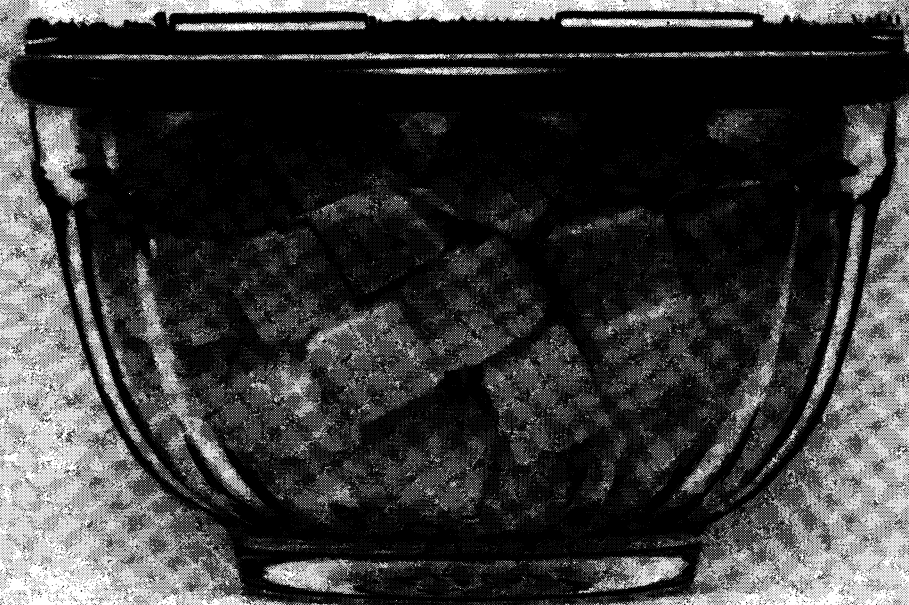
New York, N. Y. • Montreal, Canada

AN AMES CLINIQUICK®

CLINICAL BRIEFS FOR MODERN PRACTICE

Quality of diabetic control & Quantitation of urine-sugar

In the diagnosis of diabetes, the urine-sugar test may be little more than a screening adjunct. But in the everyday management of diabetes, the urine-sugar test is the most practical guide we have.¹ Routine testing, however, should not only detect, but also determine the **quantity** of urine-sugar. Quantitative testing is essential for satisfactory adjustment of diet, exercise and medication. Furthermore, day-to-day control of diabetes is in the patient's hands. Quality of control is thus best assured by the urine-sugar test which permits the most accurate quantitation practicable by the patient.



CLINITEST® permits a high degree of practical accuracy and is very convenient.² Its clinically standardized sensitivity avoids trace reactions, and a standardized color chart minimizes error or indecision in reading results. CLINITEST distinguishes clearly the critical $\frac{1}{4}\%$, $\frac{1}{2}\%$, $\frac{3}{4}\%$, 1% and 2% urine-sugars. It is the only simple test that can show if the urine-sugar is over 2%.³ Your nurse or technician will appreciate these advantages; your patient on oral hypoglycemic therapy will find them helpful. Furthermore, CLINITEST may be a vital adjunct in the management of the diabetic child or the adult with severe diabetes.

(1) Danowski, T. S.: Diabetes Mellitus, Baltimore, Williams & Wilkins, 1957, p. 239. (2) McCune, W. G.: M. Clin. North America 44:1479, 1960. (3) Ackerman, R. F., et al.: Diabetes 7:398, 1958.

FOR PRACTICAL ACCURACY OF URINE-SUGAR QUANTITATION

COLOR-CALIBRATED

CLINITEST®

BRAND

Reagent Tablets

Standardized urine-sugar test...with
GRAPHIC ANALYSIS RECORD

A line connecting successive urine-sugar readings reveals at a glance how well diabetics are cooperating. Each CLINITEST Set and tablet refill contains this physician-patient aid.

01861

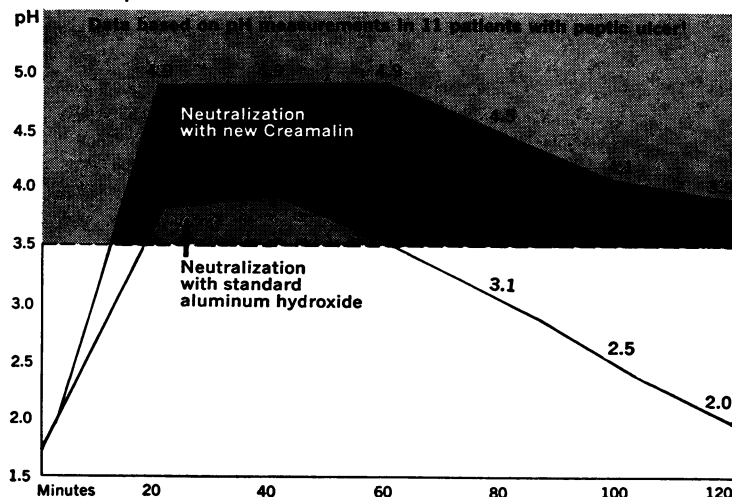
AMES
COMPANY, INC.
Elkhart, Indiana



At
the
site
of
peptic
ulcer



Following determination of basal secretion, intragastric pH was continuously determined by means of frequent readings over a two-hour period.



neutralization
is much
faster and
twice
as long
with

New CREAMALIN[®] ANTACID TABLETS

New proof in vivo¹ of the much greater efficacy of new Creamalin tablets over standard aluminum hydroxide has now been obtained. Results of comparative tests on patients with peptic ulcer, measured by an intragastric pH electrode, show that new Creamalin neutralizes acid from 40 to 65 per cent faster than the standard preparation. This neutralization (pH 3.5 or above) is maintained for approximately one hour longer.

New Creamalin provides virtually the same effects as a liquid antacid² with the convenience of a tablet.

Nonconstipating and pleasant-tasting, new Creamalin antacid tablets will not produce "acid rebound" or alkalosis.

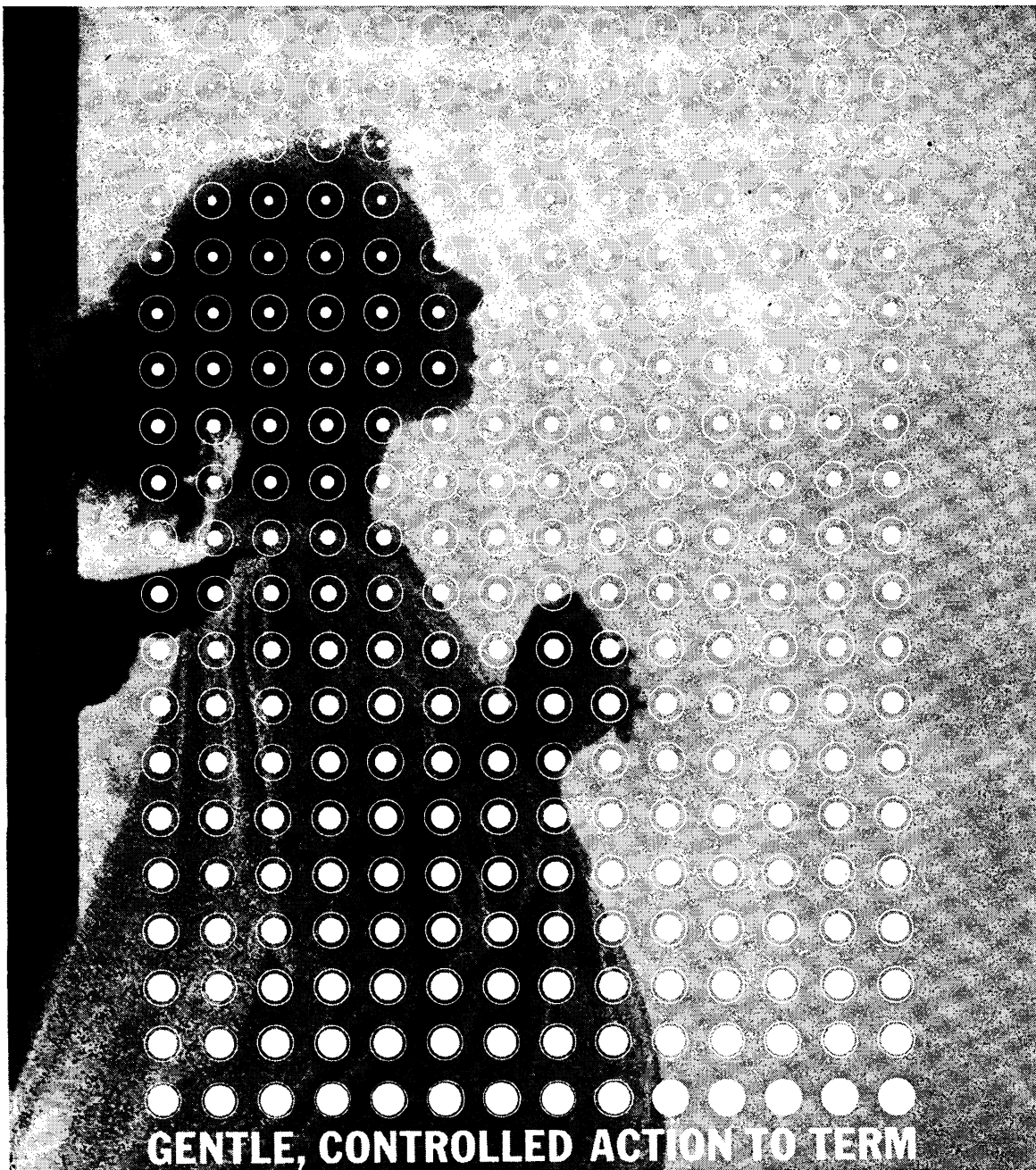
Each new Creamalin antacid tablet contains 320 mg. of specially processed, highly reactive, short polymer dried aluminum hydroxide gel (stabilized with hexitol) with 75 mg. of magnesium hydroxide. Minute particles of the powder offer a vastly increased surface area for quicker and more complete acid neutralization.

Dosage: Gastric hyperacidity — from 2 to 4 tablets as necessary. Peptic ulcer or gastritis — from 2 to 4 tablets every two to four hours. Tablets may be chewed, swallowed whole with water or milk, or allowed to dissolve in the mouth. **How supplied:** Bottles of 50, 100, 200 and 1000.

1. Data in the files of the Department of Medical Research, Winthrop Laboratories. **2.** Hinkel, E. T., Jr.; Fisher, M. P., and Tainter, M. L.: *J. Am. Pharm. A. (Scient. Ed.)* 48:384, July, 1959.

for peptic ulcer ■ gastritis ■ gastric hyperacidity

Winthrop
LABORATORIES
New York 18, N. Y.



DIAMOX[®]

ACETAZOLAMIDE LEDERLE

In edema of pregnancy

DIAMOX achieves effective diuresis without inviting dehydration. Comfortable 6- to 12-hour action provides daytime action — nighttime rest. Tablets of 250 mg. Parenteral, vials of 500 mg.

Request complete information on indications, dosage, precautions and contraindications from your Lederle representative, or write to Medical Advisory Department.

LEDERLE LABORATORIES, A Division of AMERICAN CYANAMID COMPANY, Pearl River, New York 

NOW...
an ANTI-ULCEROGENIC
approach to peptic ulcer therapy
with Anticholinergic-Sedative or
Antacid benefits!

ILOCALM tablets. Their anti-ulcerogenic pantothenic acid promotes restoration of normal cellular resistance to ulcerogenic influences, aids healing. They afford prompt relief from pain and irritation of GI spasm.

Each tablet contains Methscopolamine Nitrate 2.5 mg, d-Calcium Pantothenate 25 mg, Mephobarbital 30 mg. Dosage: 1 tablet with meals and 2 h.s. Supplied: bottles of 100 and 500.

AND/OR ILOMEL

— an eggnog-tasty powder. Its anti-ulcerogenic pantothenic acid promotes restoration of normal cellular resistance to ulcerogenic influences. Aids healing, soothes GI mucosa, counteracts excess acidity.

Each level tbsp contains 25 mg d-Calcium Pantothenate, 350 mg Calcium Carbonate, in dispersible defatted milk solids. Dosage: 1 or 2 level tbsp, q.i.d., in water. Supplied: 9-1/2 oz containers.

THE WARREN-TEED PRODUCTS COMPANY

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a more cheerful today

Desitin Acne Cream hides embarrassing lesions so naturally, acne patients become more cheerful and confident. They can feel and see its gentle drying, peeling, healing effects.

a more hopeful tomorrow

Markedly reducing comedones and pustules,^{1,2} by antibacterial action, by opening clogged pores and hastening involution... Desitin Acne Cream, as part of a carefully prescribed regimen, helps prevent permanent scarring.



DESITIN[®]
ACNE cream

Invites Regular Use: Flesh-tinted, quick-drying, cosmetically elegant. Pleasant to use, greaseless. Combines colloidal sulfur, resorcinol, zinc oxide and hexachlorophene.

write for samples and reprints

DESITIN CHEMICAL COMPANY
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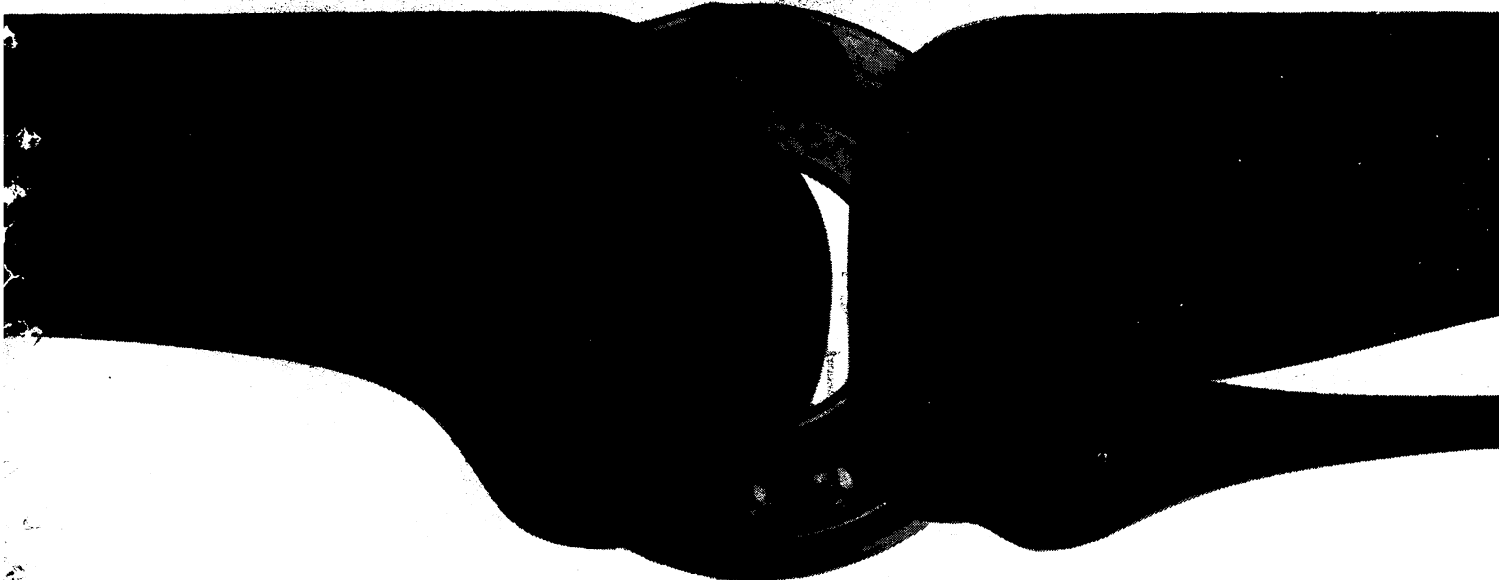
DESITIN SOAP... Ideal for
cleansing teen-agers' skin.

1. Bleiberg, J.: J. Med. Soc. New Jersey, Aug. 1957.
2. Weissberg, G.: Clinical Medicine, Feb. 1958.

brand of phenylbutazone

Geigy

in arthritis and allied disorders





Ten years of world-wide experience...almost 2000 published reports...have progressively entrenched Butazolidin as the leading nonhormonal antiarthritic agent.

In virtually all forms of arthritic disorder, Butazolidin affords prompt symptomatic and objective improvement without development of tolerance...without danger of hypercortisonism.

Butazolidin®, brand of phenylbutazone, tablets of 100 mg.; Butazolidin® alka capsules containing Butazolidin, 100 mg.; dried aluminum hydroxide gel 100 mg.; magnesium trisilicate, 150 mg.; homatropine methylbromide, 1.25 mg.

Geigy Pharmaceuticals
Division of Geigy Chemical Corporation
Ardsley, New York

BU 564-61 



Put your low-back patient back on the payroll

*Soma relieves stiffness
—stops pain, too*

YOUR CONCERN: Rapid relief from pain for your patient. Get him back to his normal activity, fast!

HOW SOMA HELPS: Soma provides direct pain relief while it relaxes muscle spasm.


YOUR RESULTS: With pain relieved, stiffness gone, your patient is soon restored to full activity—often in days instead of weeks.

Kestler reports in controlled study: *Average time for restoring patients to full activity: with Soma, 11.5 days; without Soma, 41 days. (J.A. M.A. Vol. 172, No. 18, April 30, 1960.)*

Soma is notably safe. Side effects are rare. Drowsiness may occur, but usually only in higher dosages. Soma is available in 350 mg. tablets. **USUAL DOSAGE: 1 TABLET Q.I.D.**

The muscle relaxant with an independent pain-relieving action

SOMA[®]
(carisoprodol, Wallace)

 Wallace Laboratories, Cranbury, New Jersey

**THESE 600,000
PEOPLE IN
CALIFORNIA NEED
MEDICAL HELP**

Heart disease, cancer, mental illness — everyone knows the nation's three major medical problems. Do you know that alcoholism ranks fourth? In the state of California there are at least 600,000 alcoholics. These people need medical help. No one is in a better position to initiate and supervise a program of rehabilitation than the physician who enjoys the confidence of the patient or the patient's family.

ONE FOR THE ROAD BACK: LIBRIUM

**AN IMPORTANT AID IN THE TREATMENT AND
REHABILITATION OF THE PROBLEM DRINKER**

During and after an acute alcoholic episode, Librium relieves anxiety, agitation and hyperactivity, induces restful sleep, stimulates appetite and helps to control withdrawal symptoms. The complications of chronic alcoholism, including hallucinations and delirium tremens, can often be alleviated with Librium.

During the rehabilitation period, Librium makes the patient more accessible, strengthening the physician-patient relationship. Librium therapy helps to reduce the patient's need for alcohol by affording a constructive approach to his underlying personality disorders.

Consult literature and dosage information, available on request, before prescribing.

Packaging: Capsules, 5 mg, green and yellow—bottles of 50 and 500; 10 mg, green and black—bottles of 50 and 500; 25 mg, green and white—bottles of 50, 500 and 5000.

Consult literature and dosage information, available on request, before prescribing.

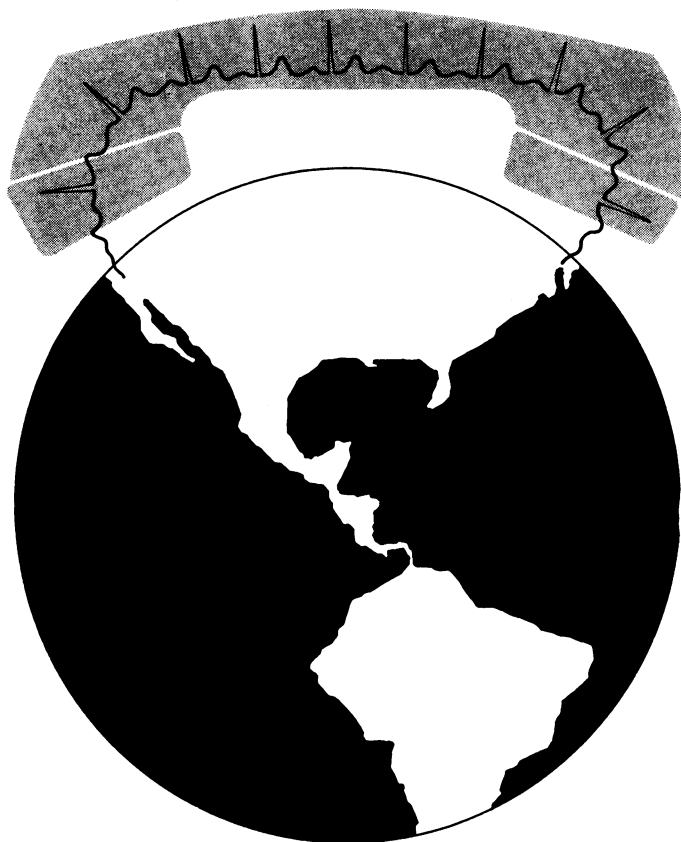


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LABORATORIES Division of Hoffmann-La Roche Inc.

LIBRIUM® Hydrochloride — 7-chloro-2-methylamino-5-phenyl-3H-1,4-benzodiazepine 4-oxide hydrochloride

NOW! READ AN ELECTROCARDIOGRAM
while it is being taken **3000 MILES AWAY**



The NEW Birtcher **PHONATRACE**
TRADEMARK

It's as if the cables of your electrocardiograph could be stretched to any length. Now, a cardiologist can begin diagnosis immediately, no matter what the distance between him and the patient, thanks to a remarkable new device which produces an accurate duplicate tracing — across the hall, the city or the nation.

It's no longer necessary to mail an electrocardiogram and then wait for a consultant to receive it. You can consult with him by telephone while you **both** watch the same electrocardiogram being taken. A PHONATRACE saves valuable time; makes consultation and diagnosis faster and easier.

The New Birtcher PHONATRACE works equally well with either the full size Model 300-R electrocardiograph or the compact Model 335. Write for descriptives.

Available on the exclusive Birtcher Lease Plan

THE BIRTCHER CORPORATION

B 4371 Valley Blvd., Los Angeles 32, California



from depression to

the right frame of mind



continuous, 24-hour cerebral oxygenation for the aging patient. By stimulating respiratory and circulatory function, GERONIAZOL TT* relieves mental confusion, depression, anxiety, and emotional instability—frequent problems in patients after forty—due to presenile changes in the vasculature of the brain. Notable benefit usually is seen within one to three weeks of therapy. It improves appetite, sleep pattern, and outlook—and GERONIAZOL TT* is non-hypertensive, non-excitatory.

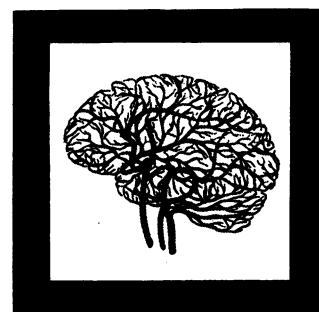
Neither a tranquilizer nor a psychic energizer, GERONIAZOL TT* provides a physiologic stimulation of the cerebrum to permit the patient to adjust to his surroundings, become part of life itself again—and *attain the right frame of mind.*

References: 1. Curran, T. R., and Phelps, D. K.: Am. Pract. & Dig. Treat. 11: 617, 1960.
2. Levy, S.: J.A.M.A. 153: 1260, 1953. 3. Connolly, R.: W. Va. Med. J. 56: 263, 1960.

GERONIAZOL[®] TT*
*TEMPOTROL® (Time Controlled Therapy)



PHARMACAL COMPANY affiliate of PHILIPS ROXANE, INC.
Columbus 16, Ohio



Each TEMPOTROL contains: Pentylentetrazol, 300 mg.; and Nicotinic Acid, 150 mg.

Indications: Respiratory and circulatory stimulant for the aged and debilitated with symptoms of mental confusion, depression, anxiety or arteriosclerotic psychosis.

Contraindications: None known in recommended dosage.

Dosage: One GERONIAZOL TT* tablet, b.i.d.

Supplied: Bottles of 42 tablets (8 weeks' treatment).

*Now—From the makers of
Fleischmann's Margarine comes the...*

Only Unsalted Margarine Made from 100% Corn Oil!

- * Wonderful for sodium-restricted diets—10 mgs. of sodium per 100 grams!
- * Contains liquid corn oil and partially hydrogenated corn oil!
- * Delicious flavor like the sweet, high-price spread!
- * Fresh-Frozen—available only in grocers' frozen food cases!



Now, Fleischmann's announces a new unsalted margarine for patients on low-sodium diets, and for those who simply prefer the sweet taste of an unsalted spread. It's new Fleischmann's Sweet (Unsalted) Margarine, made from 100% corn oil. This new margarine has a linoleic acid content higher than any other margarine available at grocery stores . . . and ten times higher than the high-price spread. Thirty percent (30%) of the fat in Fleischmann's is polyunsaturated.

Smooth, Fresh Flavor Preserved By Exclusive Fresh-Frozen Process

This new unsalted margarine has a light, fresh flavor your patients will find delicious. And because it contains no salt or other preservatives, it's Fresh-Frozen for flavor protection. Your patients can be sure it's always fresh and pure.

Although this new margarine is Fresh-Frozen, the quarter in use may be kept in the refrigerator as any other spread. The remaining quarters should be stored in the freezer.

For Patients On Sodium-Restricted Diets

If your patients need sodium restriction, recommend delicious new Fleischmann's Sweet (Unsalted) Margarine. It's ideal as a table spread and for cooking. It comes in a *bright green* foil package and is found in the grocer's frozen food case. Remember Fleischmann's is the first and only unsalted margarine made from 100% corn oil.



By the Makers of Fleischmann's Yeast

Fleischmann's SWEET (UNSALTED) MARGARINE

Made from 100% CORN OIL

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ASSISTANT RADIOLOGIST in X-ray department of fully approved and accredited general hospital. Assist in supervision of technical employees, resident and intern training programs. Salary \$11,928 to \$14,508. Contact Administrator, Kern General Hospital, Bakersfield.

GENERAL PRACTITIONER with interest in Pediatrics. 8-man Group has an opening for General Practitioner whose primary interest is in Pediatrics. Salary excellent. Opportunity for Associateship. Rapidly expanding area, 3 hours from Los Angeles. Contact T. A. Drummond, M.D., Drummond Medical Group, Ridgecrest, California.

GENERAL PRACTITIONERS AND SPECIALISTS—See us for the many EXCEPTIONAL OPPORTUNITIES available in San Francisco, East Bay, Peninsula and throughout California, including associations and partnerships with established groups and individual physicians. For further information please contact Norma Rohl, THE MEDICAL CENTER AGENCY, Flood Building, Suite 412-414, 870 Market Street, San Francisco 2. CALL YUkon 2-3412.

DIRECTOR OF MEDICAL SERVICES for fully approved and accredited general hospital in San Joaquin Valley. Salary \$15,228 to \$18,504. Responsible for directing and co-ordinating medical services, resident and intern training programs. Contact Administrator, Kern General Hospital, Bakersfield.

LOCUM TENENS—June 15th to October 1st for General Practice, also for permanent association on good salary basis at start, leading to partnership later. Excellent opportunity. Contact Dr. M. P. Ajalar, 319 Third Street, Calexico, California.

GENERAL PRACTITIONERS WANTED: San Francisco and Northern California. 4 M.D. Group, East Bay, future partnership. Coastal town, redwood tree area, prefer qual give some anesthesia. Student Health, reg hours. Prefer int perm assn and truly int in good student health program. Fresno G.P. offers start \$1250 rapid advancement. San Joaquin Valley, assns and clinics. Staff doctors for hospitals, \$1000, some with mtce. Alameda County, join 2 M.D.'s under 40 future partnership. Industrial, reg hrs, San Francisco. Openings also in Sacramento, Lodi, Richmond, Oakland, So SF, Redwood City, Stockton and others. Many in So. Calif. OVERSEAS, 18 mo contract offers air trans both ways, free bd and room, \$18,000 per annum no USA tax. No family qtrs. ANESTHESIOLOGY, Monterey area. Unusual oppor in Nevada. DERMATOLOGIST, central Calif. excellent area for this specialty. PARTNERSHIP, OPHTHALMOLOGIST, Penin. top assn., OTOLARYNGOLOGIST, Sacramento area assoc other men in this specialty. INTERNIST E Bay, Chico, Lodi, Bev Hills, Riverside, Orange County, Long Beach, others. OBS-GYN, Santa Ana, Redwood City, Loc Ten July-Oct southern Calif. Perm. assn Sacramento, ORTHOPEDISTS, staff or Chief, all areas of state. PSYCHIATRISTS, assume practice No Calif. Assn central Calif. Clinics southern Calif. RADIOLOGISTS Perm or Loc Tenens. SURGEON, under 40 pref East Bay. UROLOGIST, So. Calif. Information gladly. Helen Buchan, Continental-Pacific Coast Medical Bureau, Agency, 430 North Camden Drive, Beverly Hills, California.

HOUSE PHYSICIAN wanted July first to fill in on rotating service of three House Physicians in 119-bed approved general hospital in beautiful Santa Barbara, California. California license (or reciprocity) REQUIRED. Salary \$1,000 per month, plus room, board and laundry. Sister M. Militta, Administrator, St. Francis Hospital of Santa Barbara, 601 East Micheltorena St., Santa Barbara.

GENERAL PRACTITIONER WANTED: Between the ages of 35 and 50 for student health work in a state college in Southern California. Hours are from 8:00 a.m. to 5:00 p.m., five days a week, on a twelve-month basis, with one month annual leave and three weeks sick leave. No outside or emergency calls. Box 95,900, California Medicine.

NEVADA: SENIOR PSYCHIATRIST—Salary: Range A—up to \$15,408 requires graduation from approved school with one year internship and five years psychiatric experience or residency approved by the A.M.A.; Range B—Salary: up to \$16,980, requires same as Range A plus certification by the American Board of Psychiatry and Neurology. Current vacancies exist at the Nevada State Hospital in Reno and in the Community Health Program in Las Vegas. This provides an excellent opportunity for someone desiring location in the center of a recreational and sports area featuring skiing, hunting, fishing, etc. Apply: State Personnel Department, Carson City, Nevada.

PHYSICIANS—ALL CLINICAL SPECIALTIES—A medical employment service operated by a Director experienced and trained in Hospital and Personnel Administration, assures the physician a comprehensive approach in obtaining the most appealing professional association available. Conrad K. Howan, M.S.H.A., Director, BAY AREA MEDICAL ASSOCIATES AGENCY, 870 Market Street, Flood Building—Suite 563-565, San Francisco 2, California. Call YUkon 2-6191.

NEEDED—PEDIATRICIAN OR GENERAL PRACTITIONER in rapidly growing Concord, California. New medical building with many built-ins and completely air-conditioned. An excellent practice is assured. Available August 1, 1961. For details, write Box 95,920, California Medicine.

ASSOCIATES WANTED

GENERAL PRACTITIONER—established in Fresno for 15 years, desires young, new associate for 2-man office. Should have special interest in O.B., GYN. Arrangements open. D. C. Sandlin, M.D., 2434 Calaveras, Fresno, Calif.

EXCELLENT OPPORTUNITY IN SOUTHERN CALIFORNIA for Pediatrician to join 14-member group. All major services covered. Active practice. Salary open. Many benefits. Box No. 95,895, California Medicine.

GENERAL PRACTITIONER in Sacramento Valley desires associate. Rural community with numerous outdoor recreational facilities. Modern, two-man office building. For the first year on salary, open to negotiation; subsequent partnership arrangement desirable. E. G. Simmer, M.D., 533 Main Street, Rio Vista, California.

WANTED: BOARD-ELIGIBLE SURGEON to join large practice of two general practitioners to do surgery, general practice—including obstetrics-gynecology, in Southern California. Inquire Box No. 95,915, California Medicine.

SITUATIONS WANTED

PSYCHIATRIST—certified neurology and psychiatry, highest qualifications every branch of specialty, licensed California '43, leaving established practice in New York City—seeks association in private practice or part-time clinic or consultation appointment, Los Angeles area preferred. Box 95,905, California Medicine.

GYNCOLOGIST, OBSTETRICIAN, INFERTILITY—Board certified, ACDG, ASSI, California license. Desires clinic or group association; 43; well trained. Former Chief of Department, experience teaching interns and residents. Desired income \$18,000 to \$20,000. Available now; moved to California for medical reasons. Box 95,910, California Medicine.

EQUIPMENT FOR SALE

FOR SALE—One Bausch & Lomb binocular microscope. Excellent condition. Will ship for inspection. Price \$150. CARLE CLINIC, Box 51, Spivak, Colorado.

(Continued on Page 76)

In skeletal muscle spasm

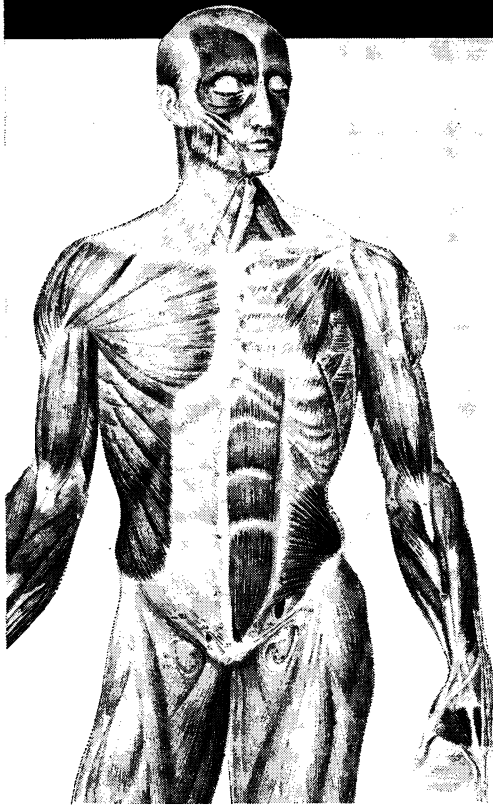
NORFLEX[®]

orphenadrine citrate 100 mg. tablets

quickly resolves the spasm...

relieves the pain...

restores normal function



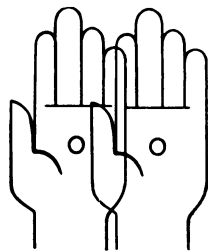
Prolonged relief

may last up to 12 hours after administration . . . permits uninterrupted sleep at night . . . does not interfere with daytime alertness . . . only the muscles in spasm respond . . . no lessening of general muscle tonus.

Contraindications:

Routine precautions against use of anticholinergic drugs should be observed. Norflex should be used with caution in glaucoma, tachycardia, or urinary retention.

Simple dosage



*U.S. Patent No. 2,567,351;
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for all adults regardless of age or sex: 2 tablets daily—one in the morning, one in the evening—easily remembered . . . offers better patient cooperation.

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CLASSIFIED ADVERTISEMENTS

(Continued from Page 74)

OFFICES FOR LEASE, RENT OR SALE

DESERT AREA—Home with full equipped medical office adjoining. Five-ton refrigeration unit. \$25,000, low down payment. Box No. 95,885, California Medicine.

EXCELLENT OPPORTUNITY (General Practice)—Space available in new modern medical building, office arrangements possible, located in one of California's fastest growing communities. Floyd C. Jones, 761 Dolliver St., Pismo Beach, Calif.

SAN LEANDRO, CALIFORNIA—New medical building leasing October, 1961, adjacent to Doctor's Hospital. Great opportunity for Eye, ENT, G.P., Orthopedics, Urology, Dermatology, and Surgery. Modern, air-conditioning, elevator, pharmacy, and complete outpatient service 50 feet from hospital. Mr. Henry Maier, 13855 E. 14th St., San Leandro, California. EL 7-6500.

SAN DIEGO, CALIF.—Available for lease: 1000-foot medical suite in well-established medical center. Suitable for any general or specialty practice, well laid out and equipped. Residential suburb, housing approximately 100,000 people, and adjacent to several open-staff hospitals. Suite adjacent to Professional Pharmacy. For full details, contact: E. Edgar Miles, M.D., 3737 Moraga Avenue, San Diego 17, Calif. Phone BR 3-3619.

BEAUTIFUL, NEW, AIR-CONDITIONED MEDICAL-DENTAL BUILDING in the East Bay Area, centrally located to San Leandro, San Lorenzo, Castro Valley and Hayward. Now occupied by two General Practitioners, a Dentist, a Chiropractor, a Radiologist, and a Drug Store. Present occupants would welcome new doctors and try to assist them in getting started. Population: 30,000—with only four General Practitioners in the immediate area. Rental basis on a graduated scale. For further information, contact: Marco H. Goodman, M.D., 16378 E. 14th Street, San Leandro, California.

FOR LEASE—Medical or Dental building. 1300 sq. ft., air conditioned; 3 Tr. rooms, reception, X-ray, 2 toilets, lab. dark room. Fast-growing area on E. W. Highway 66, much industry. Contact W. G. Wheatley, M.D., 1027 N. San Gabriel, Azusa, California.

MEDICAL SUITES AVAILABLE in ultra-modern medical-dental center in the heart of booming Orange County. Suites already occupied by Obstetrician, Children's Dentist, Child Psychiatrist, and General Dentist. Contact Dr. Burton Schild, 10722 Katella Ave., Garden Grove—PRospect 2-5656.

AVAILABLE AUGUST 1, 1961: Bungalow office presently accommodating extremely successful practice. Occupant moving to own building. 1200 feet, air-conditioned, skillfully designed, suitable for one or two doctors—general or specialty. Large parking area and built-in furniture. Exceptional opportunity in rapidly growing Concord, California. Details and floor plan available from Dr. Louis M. Ellis, 3355 Clayton Road, Concord.

MEDICAL CENTER BUILDING, 1919 STATE STREET, SANTA BARBARA, CALIF. 20,000 feet, fully modern prime location near hospitals and center of City for private practice. Parking, X-ray, pharmacy, and Laboratory. Remaining suites especially available to internal medicine, orthopedics, ENT, and Obstetrics. Started with completion soon in 1961. John M. Richards, M.D., owner.

FOR SALE—Dr.'s office, completely equipped—including diathermy and Ultra Violet. If interested, may sub-let office building. Write: L. E. Tretheway, M.D., P. O. Drawer R, Aptos, California.

NOW LEASING—One suite left in Diablo Medical Arts Center. 20 busy doctors and dentists, individual practices, area needs G.P., internist, E.N.T., or orthodontist—excellent opportunity. John E. Teverbaugh, M.D., 2250 Monument Blvd., Pleasant Hill, California.

SPRINGVILLE RESORT AREA—G.P. urgently needed for area drawing 2500-3000 population; near fishing, hunting, outdoor recreation facilities—1,500 ft. elevation. Building under construction; approximately 2,000 sq. ft. office space can be adapted to suit. Dentist already located. Contact: Springville Chamber of Commerce—Jefferson 9-2727; or Hodgson Realty Co., 1300 Sunnyside Ave., Porterville—telephone SUNset 4-1693.

IMMEDIATE OCCUPANCY—One suite only left of 11-unit, new, modern medical building. Prefer pediatrician. Strategically located in San Francisco peninsula area. Write or phone Golden State Investment Co., 1355 El Camino, Millbrae, California.

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limits the blood pressure swing

Rautrax-N lowers high blood pressure gently, gradually ... protects against sharp fluctuations in the normal pressure swing.

Rautrax-N offers all the advantages of Raudixin, Naturetin and potassium chloride in a single dosage form *plus: increased efficacy* - Combined action of Raudixin and Naturetin results in a potentiated antihypertensive effect greater than that produced by either drug alone. *increased safety* - Potentiated action permits lower dose of other antihypertensive agents, thus reducing severity of side effects. Protection against possible potassium depletion. *flexibility* - Interchangeable

with either Raudixin or Naturetin c K. *economy* - Maintenance dosage of only 1 or 2 tablets daily for most patients. *convenience* - Once-a-day maintenance dosage. Two potencies available.

Supply: *Rautrax-N* - capsule-shaped tablets providing 50 mg. Raudixin, 4 mg. Naturetin and 400 mg. potassium chloride. *Rautrax-N Modified* - capsule-shaped tablets providing 50 mg. Raudixin, 2 mg. Naturetin and 400 mg. potassium chloride.



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ENDS ITCH FAST

ORAL ALLERCUR REACHES
THE SKIN IN 10 MINUTES*
FOR PROLONGED RELIEF

Allercur is the systemic answer to a dermatology problem. This single agent provides fast, prolonged relief of itching, both allergic and nonallergic, with only 2 to 4 tablets daily—without timed-release devices. Drowsiness and other side effects are of low degree. Unlike topical preparations, Allercur frees the patient of messy, inconvenient local application. Many risks of systemic phenothiazine and glucocorticoid therapy are decreased.

Effective: "An excellent or good antipruritic response occurred in 69 patients (79.5%). No toxic reactions occurred and there were virtually no side effects. Particularly notable were the absence of drowsiness and the rapidity with which the remission of itching occurred."² Allercur is also effective in the management of conditions such as nasal allergy, including seasonal hay fever.

CAUTION: If drowsiness occurs, patients should avoid activities demanding alertness.

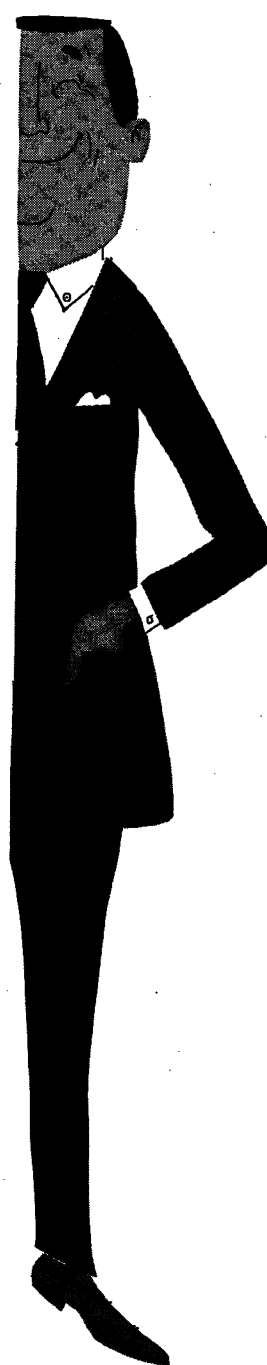
AVERAGE DOSE: 2 to 4 tablets daily in divided doses.

SUPPLIED: Tan, scored tablets, each containing 20 mg. clemizole HCl, in bottles of 100.

REFERENCES: 1. Kimmig, J.: *Hautarzt* 3:414 (Sept.) 1952.
2. Butler, P.G.: *Western Med.* 1:16 (Nov.) 1960.
Bibliography on request.



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trouble-free
for the
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**Just
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Eight years of continuous use...some 600,000,000
patient-days of effective, safe therapy with RAUWILOID
...prove enduring patient-acceptance and physician-
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ARGININE MONOHYDROCHLORIDE

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**REDUCES HIGH BLOOD AMMONIA LEVELS...
HELPS OVERCOME THE ACCOMPANYING ALKALOSIS**

R-gene can be used to prevent impending hepatic coma and has dramatically increased the survival rate in patients in deep coma where the mortality rate is normally extremely high.¹ It provides arginine to detoxify circulating blood ammonia by accelerating its conversion to urea in the liver.¹⁻³ In addition, R-gene supplies chloride which combines with excess sodium to overcome the alkalosis induced by

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Because of this dual action, R-gene is of potential benefit in all cases where elevated ammonia levels exert a toxic effect as in hepatic coma, ammonia intoxication due to ingestion of ammonium salts, acute hepatic insufficiency, and following massive upper gastrointestinal hemorrhage.

The R-gene package consists of a half liter Saftiflask® containing 400 cc. of a 5% solution of L-arginine monohydrochloride, a 100 cc. Ambot® of 50% dextrose,* and administration set. Each 100 cc. of R-gene contains: L-arginine monohydrochloride 5.0 Gm., non-pyrogenic distilled water q.s.

*Administration of dextrose in conjunction with arginine appears to aid the total ammonia utilization.

For maximum effectiveness, measures to reduce ammonia intake should be started with R-gene administration including reduction or withdrawal of protein intake, control of gastrointestinal bleeding, prompt removal of blood from the intestine, suppression of ammonia production in the intestine with large oral doses (4-12 Gm. daily) of neomycin.^{3,5}

1. Najarian, J. S., *et al.*: Am. J. Surg. 96:172, 1958. 2. Wolfe, S. J., *et al.*: cited by Fast, B. B., Arch. Int. Med. 10:467, 1958. 3. Editorial, New England J. M. 259:1181, 1958. 4. Editorial, J.A.M.A. 169:1076, 1959. 5. Britton, R. C.: Connecticut M. J. 22:537, 1958.



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